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ANNUAL REPORT

1985-86

The logo for Alberta Public Works, Supply and Services. It features the word "Alberta" in a stylized, lowercase, teal font. The letters are slightly slanted and have a three-dimensional effect, with the "A" being the tallest and the "a" being the shortest.

PUBLIC WORKS, SUPPLY AND SERVICES



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ANNUAL REPORT 1985-86



PUBLIC WORKS, SUPPLY AND SERVICES

Alberta



PUBLIC WORKS, SUPPLY
AND SERVICES

131 Legislature Building, Edmonton, Alberta, Canada T5K 2B6 403 / 427-3666

Office of the Minister

March 1987

The Honourable Helen Hunley
Lieutenant-Governor of the Province of Alberta
3rd Floor, Legislature Building
1 Legislature Grounds
Edmonton, Alberta
T5K 2B6

Your Honour:

The undersigned has the honour to submit the Annual Report of Alberta Public Works, Supply and Services for the fiscal year ending March 31, 1986.

Respectfully submitted,

Ernie Isley

Attachment



PUBLIC WORKS, SUPPLY
AND SERVICES

Office of the Deputy Minister

6950 - 113th Street, Edmonton, Alberta, Canada T6H 5V7 403 / 427-3921

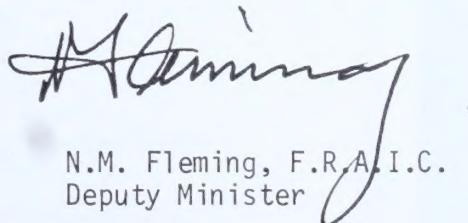
March 1987

Honourable Ernie Isley
Minister, Public Works, Supply and Services
131 Legislature Building
Edmonton, Alberta
T5K 2B6

Sir:

I have the honour to submit the Annual Report of Alberta Public Works, Supply and Services for the fiscal year ending March 31, 1986.

Respectfully submitted,


N.M. Fleming, F.R.A.I.C.
Deputy Minister

Attachment

CONTENTS

DEPARTMENTAL ORGANIZATION CHART	V
HISTORICAL PERSPECTIVES	VI
CAPITAL DEVELOPMENT	
PROJECT MANAGEMENT DIVISION	1
Project Management, Edmonton	3
Project Management, Calgary	4
Projects for Departments	4
Specifications and Standards Branch	7
COST CONTROL AND ANALYSIS DIVISION	7
CONSTRUCTION DIVISION	8
SITE DEVELOPMENT DIVISION	8
TECHNICAL SERVICES DIVISION	9
FINANCE AND ADMINISTRATION	
Financial Services Branch	11
Financial Services Branch	13
Financial Planning Branch	13
Revolving Fund Accounting Branch	13
Departmental Financial System	13
Management Services Branch	14
Personnel Branch	14
INFORMATION SERVICES	
TRENDS AND DIRECTIONS	15
COMPUTER SYSTEMS DIVISION	17
COMPUTER PROCESSING DIVISION	18
TELECOMMUNICATIONS DIVISION	19
	20
PROPERTIES	
PROPERTY PLANNING DIVISION	21
Administrative Services Branch	23
Project Administration Branch	23
Project Development Branch	23
REALTY DIVISION	23
PROPERTY MANAGEMENT DIVISION	25
PROPERTY CONTRACT MANAGEMENT DIVISION	27
FACILITIES PERFORMANCE PLANNING DIVISION	28
SUPPLY MANAGEMENT	
SUPPLY OPERATIONS DIVISION	29
Printing Services Branch	31
Records Management Branch	31
Equipment, Courier and Surplus Branch	32
PROCUREMENT DIVISION	34
Purchasing Branch	34
Warehousing and Distribution Branch	36
Southern Region	36
Contracted Services Branch	37
Air Transportation Branch	38
APPENDICES	
1. Consultants Commissioned	40
2. Contracts Awarded	44
3. Contracts Completed	58



HISTORICAL PERSPECTIVES

1906 • Department of Public Works created.

1912 • Local Improvement Act transferred to Department of Municipal Affairs.

- Telephone Branch transferred to Department of Railways and Telephones.

1916 • Provincial Institutions transferred from the Provincial Secretary.

1920 • Coal Mines transferred to the Provincial Secretary.

1922 • Administration of Drainage Districts transferred to Department of Railways and Telephones.

- Government Employment Bureau operated jointly by the provincial and federal governments transferred from the Provincial Secretary to Department of Public Works. In 1935 it transferred to Department of Trade and Industry.
- A Commissioner of Labour appointed to administer the Boilers Act.

1927 • Public Works administered the Public Vehicles Act.

1935 • Administration of the Boilers Act transferred to Department of Trade and Industry.

1936 • Public Service Vehicles Act administered by the Highway Traffic Board.

1937 • Boilers Act again transferred to Public Works.

1948 • Provincial Institutions transferred from Public Works to Attorney General's Department.

1951 • Highway construction became a responsibility of the newly created Department of Highways.

- Public Service Vehicles Act transferred to Department of Highways.
- Surveys and construction and maintenance of bridges transferred to Department of Highways.

1953 • Boilers Act transferred to Department of Industries and Labour.

1967 • Design and construction of university buildings transferred to Boards of Governors

- Maintenance of three agricultural and vocational colleges, located at Olds, Vermilion and Fairview, transferred from Agriculture to Public Works.

1968 • Rental of government-owned residences located at mental institutions and gaols transferred to Alberta Housing and Urban Renewal Corporation.

1969 • Grants program to municipalities for construction of swimming pools transferred to Department of Youth

1975 • Operating and Maintenance Division transferred to new Department of Government Services.

- Housing responsibilities added to create new Department of Housing and Public Works

1982 • Housing responsibilities transferred to a new Department of Housing

- Public Works responsibilities amalgamated with those of the Department of Government Services to form a new department of Public Works, Supply and Services.

1983 • Translation Services transferred from Department of Culture to Public Works, Supply and Services

- Land Assembly transferred from Department of Environment to Public Works, Supply and Services.

1984 • Design and construction of Alberta Hospital, Edmonton and Ponoka, transferred to individual boards.

1985 • Metric Conversion Branch phased out and responsibilities transferred to Departments

- Translation Services transferred to Federal and Intergovernmental Affairs.

RELEVANT STATUTES:

The Architects Act
The Engineering Geological and Geophysical Professions Act
The Crown Property Municipalities Grants Act
The Public Works Act administered jointly with the Minister of Transportation
The Public Works, Supply and Services Act

CAPITAL DEVELOPMENT

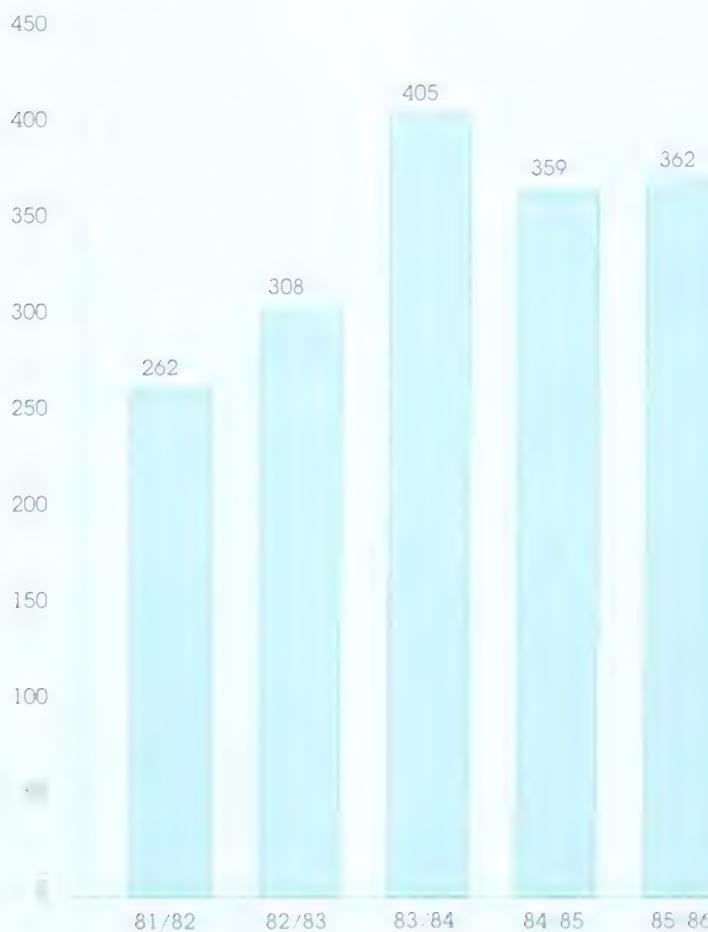
Highlights on Capital Projects	3
Project Management Division	3
Project Management, Edmonton	3
Project Management, Calgary	4
Projects for Departments	4
Specifications and Standards Branch	7
Cost Control and Analysis Division	7
Construction Division	8
Site Development Division	8
Technical Services Division	9

Capital Development

Capital Development is responsible for all capital projects under the **Vote 4** (Planning and Implementation of Construction Projects) Program, and oversees the planning, design and construction of facilities for government departments and agencies. The organization consists of the Assistant Deputy Minister's Office, Construction Division, Cost Control and Analysis Division, Project Management Division, Site Development Division and Technical Services Division.

Capital Development utilizes private consultants and contractors to carry out the work required for all phases of specific projects. During the 1985-86 fiscal year, 369 consulting firms were commissioned, 362 construction contracts awarded and 331 construction projects were completed. A cash flow of \$171,754,098 was expended against Vote 4 projects. An additional \$11,844,479 was spent on projects which fell outside the jurisdiction of Vote 4. These included the development of special-purpose leased space, outlets for the Alberta Liquor Control Board, Treasury Branches, and projects for the Alberta Heritage Savings Trust Fund.

Fiscal Year Comparisons
(Vote 4 Projects)



Highlights of the Vote 4 Program for the year reviewed are as follows:

Expo '86 — Vancouver

Construction on the Alberta Pavilion started in January 1985, and was completed in February 1986, to accommodate the exhibits by Public Affairs Bureau. The total project cost was \$5,940,000.

XV Olympic Winter Games — Calgary, 1988

The Olympic Project Management Team continued to manage the Olympic Alpine Venue, Nakiska, and the Olympic Nordic Centre, Canmore. Construction was ahead of schedule, and completion by the fall of 1986 was assured, including commissioning of the Olympic Trails.

Performing Arts Centre — Calgary

Calgary Branch personnel, with the support of the Cost Control and Analysis Division, provided project management services to the Calgary Centre for the Performing Arts, to ensure that the project was completed on schedule and within the approved budget of \$80,000,000.

Coal Research Centre — Devon

This centre was officially opened on September 15, 1985, at a total project cost of \$20,000,000. Contract documents were under way for the fitting-out work for the High Head Laboratory.

Alberta Vocational Centre — Lac La Biche

The new campus and student housing were officially opened on November 14, 1985. The total project cost of the campus was \$31,870,000.

Tyrrell Museum of Palaeontology — Drumheller

A research centre and museum for palaeontological resources was officially opened in September 1985, at a total project cost of \$21,750,000.

Blood Transfusion Services Building — Edmonton

The new facilities for the housing of Red Cross Blood Transfusion Services were completed in September 1985, at a total project cost of \$15,200,000.

Project Management Division

The *Project Management Division* provides professional and technical services in planning and managing capital projects for other government departments. It also provides project management services to government agencies and boards.

The division consists of three entities: Project Management, Edmonton; Project Management, Calgary; and Specifications and Standards Branch. Reports from each of these follow, together with details of work undertaken for various government departments and agencies.

During the 1985-86 fiscal year, Project Management, Edmonton, processed 241 capital works projects. Total expenditures were in excess of \$171,000,000, distributed between client departments as follows:

Advanced Education	\$ 3,232,635
Agriculture	3,290,711
Attorney General	15,268,829
Culture	18,910,065
Education	1,237,264
Energy and Natural Resources	9,870,897
Environment	1,386,291
Executive Council	15,264,507
Hospitals and Medical Care	1,472,393

Manpower	2,791,872
Public Works,	
Supply and Services	41,500,418
Recreation and Parks	1,048,395
Social Services and	
Community Health	6,825,535
Solicitor General	22,602,730
Tourism and Small Business	1,153,200
Transportation	4,375,417
XV Olympic Winter Games 1988	21,522,939
	\$171,754,098

During the 1985-86 fiscal year, 88 prime consulting firms were commissioned for 126 new projects. In addition, 115 projects involving 85 prime consulting firms were continued from 1984-85.

Funds paid out totalled \$10,843,423, which included fees and expenses, costs of tests and other services. Architectural, engineering and special consultant firms under commission by the Project Management Division are shown in Appendix 1.

Project Management, Calgary

Project Management, Calgary, is responsible for providing professional and technical services in planning and managing assigned capital projects. During the 1985-86 fiscal year, 61 capital projects totalling \$37,843,000 were managed, together with four Treasury Branch projects totalling \$820,000.

For the 1985-86 fiscal year, 49 consulting firms were commissioned for the design and planning of 65 projects. The expenditures paid to consultants amounted to \$3,966,377. These included professional fees, expenses, surveys, tests, and related services.

For the convenience of bidders, Project

Management, Calgary, also provided a tender administration service for projects located in the province's southern region and managed by Project Management, Edmonton; Site Development Division; Kananaskis Country; Property Management Division and by the Calgary office itself. In total, 143 projects were processed.

The 61 major projects undertaken included the XV Olympic Winter Games; Performing Arts Centre, Calgary; Court House, Medicine Hat; Old Court House, Calgary; Court of Queen's Bench, Calgary, Southern and Northern Alberta Jubilee Auditoriums, Calgary and Edmonton; Alberta Pavilion at Expo '86, Vancouver; McDougall School, Calgary.

Projects for Departments

Advanced Education

Planning commenced for the provision of student Family Housing for the Alberta Vocational Centre, Grouard. A code upgrading scheme was also commenced on this campus. The Alberta Vocational Centre in Lac La Biche was officially opened on November 14, 1985, and planning was completed for the Single Student Residence block.

Agriculture

Renovations initiated on the O.S. Longman building were complemented by the completion of the Chemical Storage and Support Services Facility.

Minor improvements were continued at the Alberta Tree Nursery and Horticultural Centre, Edmonton, and at the Alberta Horticultural Research Centre, Brooks.

Alberta Alcoholism and Drug Abuse Commission

Design work continued on a 50-bed treatment centre in Grande Prairie to serve the northwest region of the province.

Alberta Liquor Control Board

A construction program continued in 1985-86 with the completion of stores at Crossfield, Edmonton (Beverly and Callingwood), and Okotoks. Also, tenders were received for projects at Canmore, Cochrane, Grande Prairie, Rocky Mountain House and Tofield. Occupancy was scheduled for late 1986.

Construction is continuing on projects at Provost and Sylvan Lake with openings scheduled in May 1987. Planning is proceeding on four additional stores to be tendered in early 1987.

Attorney General

A program continued for the upgrading of court facilities throughout the province, in response to the recommendations of the Kirby Commission.

Alberta Public Works, Supply and Services has responded to this upgrading program in the following manner:

		Under Completed	Construction
1	Construction of new Court Facilities:		
a.	Courthouses	26	
b.	Provincial Buildings	26	
2	Upgrading of Existing Facilities:		
a.	Courthouses	9	
b.	Provincial Buildings	28	
3	Construction of Interim Facilities:		
a.	Pre-built facilities (trailers)	5	
b.	Government-owned buildings	4	
c.	Leased space	6	
4	Upgrading of Interim Facilities:		
a.	Pre-built facilities (trailers)	1	
b.	Government-owned buildings	1	
c.	Leased space	1	

Court House, Medicine Hat: Scheduled for completion in the spring of 1986 at a tender cost of \$10,598,000

The Old Court House, Calgary: Being renovated for the Court of Appeal, tendered in July 1984 for \$6,193,000, and scheduled for completion in April 1986.

The Court of Queen's Bench, Calgary: Renovations tendered in October 1985 for \$7,505,000, and scheduled for completion in June 1987.

Culture

Palaeontology Field Station, Brooks: Planning was completed for the construction of a new facility to provide research, information and interpretation of Palaeontological Resources at the Dinosaur Provincial Park at a project cost of \$2,100,000. Construction is scheduled to commence during the spring of 1986.

Tyrrell Museum of Palaeontology, Drumheller: Construction of this Museum and Research Institute was completed in 1985, at a cost of \$21,750,000. This facility was opened to the public in September 1985.

Ukrainian Cultural Heritage Village, Elk Island Park Vicinity: Work at this cultural centre consisted of renovations and upgrading of the visitors' reception centre, improvements to the roads and to landscaping. All work is scheduled for completion during 1986-87. The total project cost, from its inception, is \$3,760,000.

Reynolds Alberta Museum, Wetaskiwin: The first phase of this project was completed. Work consisted of the construction of a storage facility for the temporary housing of the Reynolds Collection, now under the care and responsibility of Alberta Culture. The cost of this work is \$1,600,000.

Northern & Southern Alberta Jubilee Auditoriums: Work is being phased over three years for upgrading of the miscellaneous interior works, including heating and ventilation. The exterior cladding is retrofitted and all projects are scheduled for completion by the winter of 1986. The total project cost of all improvements is \$14,380,000.

Glenbow Museum: Tenders are to be called in August 1986 for upgrading and expansion of the Artifacts and Fumigation Area. Estimated cost is \$1,600,000, and completion is expected by spring 1987.

Education

Renovations to the Alberta School for the Deaf, Edmonton, continued. They included renovations to assist the physically handicapped, an elevator, and code upgrading. Planning commenced to relocate the School Book Branch into the supplies warehouse at 12360 - 142 Street, Edmonton. The renovations include new boilers.

Energy and Natural Resources

Pine Ridge Forest Nursery, Smoky Lake: Phase II and III, repair to the reservoir liner and liner protection, was tendered in February 1986 for \$440,000 and will be completed in 1987. The

Greenhouse upgrading and glazing replacement contract was tendered in March 1986 for \$455,000 and will be completed in September 1986.

Fish and Wildlife District Warehouses: The program to develop new facilities and upgrade existing ones continued. Sites were acquired and contract documents initiated for prototype facilities in Fox Creek, Medicine Hat and Spirit River.

Upgrading commenced in Blairmore, Camrose, Cochrane, Ponoka, Red Deer, Stettler, Stony Plain (Fallis Cabin), and Wetaskiwin. Site improvements for Lambton Park, Edmonton, were completed in 1985 at a cost of \$124,619. A cold storage facility for Edmonton was tendered in March 1986 for \$59,348.

Cold Lake Fish Hatchery: Work initiated in 1983 continued. Contract No. 2 — Walleye Ponds, tendered in 1984 for \$1,334,646 was completed in 1985. Contract No. 2 — Hatchery Facilities and related work, was tendered in April 1985 for \$7,244,497 and will be completed in 1986.

Eric Cormack Centre, Edmonton: Renovations were completed in 1986 at a cost of \$86,036.

Alberta Forest Service Depot, Edmonton: Office renovations for the 2nd floor were tendered in March 1986 for \$59,568 and will be completed in summer 1986. Mechanical upgrading for garage and equipment development was tendered in March 1986 for \$73,791 and will be completed in late summer 1986.

Forest Headquarters: Upgrading was initiated in Calgary (Bow Crow) — Carpenter Shop, Fort McMurray (Athabasca) — Handicapped Access, and Grande Prairie — Pilot Storage Building and Water Service.

Environment

Development of the Alberta Environmental Centre at Vegreville continued with the completion of the waste incinerator project and the Inhalation Toxicology Laboratory.

Executive Council

Pavilion at Expo '86, Vancouver, was started in March 1985 and completed in February 1986.

Alberta Research Council, Millwoods, Edmonton: Construction continued for the implementation of a \$52,600,000 New Laboratory and Research Centre. This facility will also house the head office and head of administrative functions for Alberta Research Council. Completion is scheduled for the summer of 1986.

Alberta Research Council, Clover Bar: Remaining work commenced on a new Research and Support Centre for major frontier technology programs. The projected cost of this centre is \$7,900,000. Construction is scheduled to commence during the fall of 1986. Planning also commenced on renovations to the pilot plant and laboratory building to improve the performance of installations. Construction is expected to commence during 1986-87.

Devon Coal Research Centre: This facility was officially opened on September 15, 1985. With the completion of the High Head Laboratory contract, documents were commenced for fitting-out to meet Alberta Research Council's requirements.

Rescue Training School, Edmonton: Renovations of a leased school were completed in this jointly funded venture with the federal government. The Rescue Training School is a unique facility within Canada, having a telpher tower, collapse sets and lecture facilities. Total project cost is \$2,300,000.

Hospitals and Medical Care

Blood Transfusion Services Building, Edmonton: A new facility was completed during 1985-86 for the housing of the Red Cross Blood Transfusion Services, at a total project cost of \$15,200,000.

Manpower

Alberta Opportunity Corps facilities were completed at Ardmore, Lac La Biche and Rocky Mountain House. Facilities at High Level (in conjunction with Fairview College) and at Slave Lake were tendered and construction commenced.

Public Works, Supply and Services

John E. Brownlee Building, Edmonton: Construction of a new inter-departmental office complex was completed at a total cost of \$57,000,000. This complex is occupied by the following departments: Attorney General, Solicitor General, Consumer and Corporate Affairs, and Land Titles.

Office Building, Calgary: Renovations to McDougall School and New Park continued. Phase II landscaping was completed in September 1985. The main building is scheduled for completion in 1986. Total project cost is \$32,600,000. This includes \$20 million for purchase of land and building.

Provincial Buildings: Construction was completed on the new provincial buildings at Morinville and St. Albert, and continued on the new provincial building at Edson.

The design for a new provincial building at Provost was completed and tenders received in March 1986. The total project cost is \$3,500,000.

Recreation and Parks

The shorefront development of Elkwater Lake at Cypress Hills Park was completed.

Design was completed and construction initiated on the Regional Parks Workshop, Lac La Biche, with completion expected in late 1986.

Social Services and Community Health

Baker Centre, Calgary: The design development was completed for a 30-bed unit for the medically dependent handicapped and nine new 6-bed homes. A new facility for the day care centre

program and a new 6-bed group home to replace an existing residence were being planned. Total project cost is estimated to be \$12,875,000.

Five new group homes being constructed in various locations in Calgary were tendered for \$1,199,000 in May 1985, and are scheduled for completion in the summer of 1986.

Claresholm Care Centre: A long-range development plan is being prepared. Replacement of Starholm unit at a total project cost of \$3,800,000 is anticipated by May 1987.

Single Men's Hostel, Edmonton: Planning was completed for renovations required for compliance with the building and fire codes. Construction is scheduled to commence in 1986.

Westfield Centre, Edmonton: Planning has been completed for renovations and improvements to the Diagnostic and Assessment Unit, and for improvements to the exterior envelopes of various other buildings.

Michener Centre, Red Deer: Planning for the upgrading and preservation of the physical plant at selected buildings at this centre has commenced. The program is intended to provide adequate environmental, structural, mechanical and electrical systems.

Rosehaven Care Centre, Camrose: Contracts were awarded and construction undertaken for upgrading various components of the existing buildings at this centre. The total cost of renovations is in excess of one million dollars. In addition, programming and planning commenced for extensive new replacement facilities estimated at \$18,000,000.

Solicitor General

A capital works program to provide facilities pursuant to the Young Offenders Act consists of the following projects: Young Offender Centre, Calgary A 112-bed Secure Custody Centre at a projected cost of \$18,200,000. Planning has been completed, and construction is scheduled to start in the spring of 1986.

Young Offender Centre, Edmonton: Planning commenced for a 120-bed Secure Custody Centre located in northwest Edmonton, at a projected cost of \$22,700,000. Construction start is scheduled for the summer of 1986.

Pending construction and completion of the new Young Offender Centres, renovations were completed for the temporary housing of young offenders in Calgary, Edmonton and Strathmore. The total cost of these projects is \$4,500,000. These facilities were completed for occupancy in 1985.

New Correctional Centre, Fort Saskatchewan: Construction started in the fall of 1985 for the replacement of the Old Saskatchewan Correctional Centre. The new centre will house 360 medium security inmates in campus-style facilities. Construction will consist of 25 separate sequential contracts. Completion is scheduled for the spring of 1988, at a total project cost of \$60,500,000.

Medicine Hat Remand Centre: Construction commenced during the summer of 1985 on a new \$14,200,000 centre, to accommodate persons detained or remanded prior to sentencing, including secure-custody young offenders. Completion is scheduled for spring 1987.

Red Deer Remand Centre: Construction commenced in the summer of 1985 on detention and remand facilities to house 96 offenders. The total project cost will be \$17,200,000. Completion is scheduled for the spring of 1987.

Tourism

A Travel Information Centre at Lloydminster was completed.

A Travel Information Centre at Canmore was tendered in July 1985 and will be in operation by May 1986.

Planning studies were under way for centres at Milk River and Walsh.

Transportation

Land purchase negotiations were undertaken for major new facilities at Brooks and Hanna. New transportation depots at Donnelly and Sherwood Park were completed in the spring of 1986.

An existing facility at Innisfail was purchased and construction commenced on renovations and ancillary buildings in February 1986. Total project cost is \$1,000,000.

The design of a new combined maintenance and repair facility at St. Paul was completed and ready for tender at year end. The total project cost is \$4,200,000.

Treasury Branches

A new Treasury Branch was completed in La Crete and renovations were completed in High Level, Lac La Biche, Manning and Westlock. Renovations and upgrading were planned for branches at 11 other locations.

Specifications and Standards Branch

The Specifications and Standards Branch is responsible for departmental specifications policies and practices. The branch prepared the documentation related to bidding, contractual and contract administration requirements for all capital construction projects tendered by the department.

Maintenance and further development of the Master Specification continued. Rewriting of the mechanical and electrical components of the system progressed, with the assistance of specialist engineering consultants.

Cost Control and Analysis Division

During the reporting period, the Cost Control and Analysis Division provided cost planning, estimating and budgetary services in response to 618 requests from the various divisions and branches within Public Works, Supply and Services. This work was in addition to the annual ad hoc feasibility and build/lease studies, and task force involvement.

Select and Quotation tendering for minor and specialist building works drew bids from 714 contractors on a total of 198 projects, both figures being slightly up on the previous year.

Construction prices obtained on public works tendered projects increased by 6% over the previous fiscal year. Most of this increase was apparent during the third and fourth quarters of the reporting period.

Cost advisory services, statistical data and technical information were provided to other government departments and approved agencies on a request basis.

Cost consultants commissioned during the reporting period are listed in Appendix 1.

Construction Division

During the 1985-86 fiscal year, the Construction Division provided contract management on 347 capital construction projects throughout the province, with total payments of \$110,000,000.

Responsibilities for the division included initiating construction starts, controlling costs, and monitoring the quality of construction and construction schedules. The division was also responsible for providing input on scheduling during the design stage, and providing construction management services on large-scale, multi-year, phased projects.

In addition, the division received and administered 203 claims totalling \$2,833,937

which were filed under Section 14 of the Public Works Act.

As indicated in Appendix 1, 64 commissions were awarded to materials testing consultants. These totalled \$480,000.

Appendix 2 lists the contracts which were awarded during the 1985-86 fiscal year.

Appendix 3 lists the projects accepted during 1985-86. A number of these contracts were commenced in previous fiscal years.

(Appendices 2 & 3 include contracts awarded and projects completed by the Site Development Division.)

Site Development Division

During the 1985-86 fiscal year, the Site Development Division was involved in projects requiring 266 contracts, for a total value of \$9,500,000. These projects included:

- Site services and landscape development components of building facilities.
- Site locations and services development for early childhood education facilities.
- Development of miscellaneous site services, landscape development and municipal systems on project sites, as well as extension of local services to the sites.
- Upgrading or demolition of facilities and buildings in the Restricted Development Areas (Edmonton/Calgary).
- Management of consultants for site information surveys, construction surveys, legal surveys for land acquisition, materials testing services, hydrogeological services, video pipe inspection services, and municipal design assignments.

In total, 178 consultant commissions were ongoing and payments to consultants totalled \$1,005,247.

Also, the division's Administrative Branch provided clerical support services and financial control for provision of consultants to the capital programs of Kananaskis Country Recreation Plan and the 1988 Winter Olympics at Mount Allan and Canmore. For these programs, 33 consultant commissions were ongoing and payments to consultants totalled \$1,921,438.

The division was responsible for site information reports and made arrangements with municipal authorities and utility companies for off-site services and for completing municipal service agreements.

In addition, a consultative service was provided to other divisions in the department as well as to other government departments. This service involved the preparation of technical reports, assessments of utility systems, operation and maintenance reports, and the resolution of complex design problems in the site development discipline affecting projects assigned to consultants. Concept reviews were also conducted on consultant designs in order to assure adherence to government policies and standards.

Technical Services Division

The Technical Services Division provides technical expertise to the department in the fields of architectural, mechanical, electrical, structural, and geotechnical engineering. These services are provided through establishing design standards; conducting design reviews; producing technical reports, feasibility studies, technical opinions and advice; and minor designs.

Design standards are provided to design consultants at the concept stage of all projects. Through consultations with designers and review of all designs, the experience of the division's personnel is blended with the consultant's expertise to produce efficient and cost-effective designs.

Twenty-one formal technical reports, feasibility studies, and facility evaluations were provided, as well as numerous less formal reports and opinions.

Designs and construction inspections were provided for 60 projects, having a total construction

value of \$3,165,792. These were small projects with an average value of \$52,700. In addition, the division co-operated with the Site Development Division in the design and construction inspection of 43 projects having a total construction value of \$2,269,450.

The provision of all geotechnical engineering expertise to the department was achieved by hiring and managing consultants, who are listed in Appendix 1. In total, 52 reports were obtained.

The division's involvement in commissioning of the department's projects increased to the extent that a Commissioning Branch was conceived and the staffing process started. When this branch is implemented, it is believed that the transfer of the responsibility of a project from Capital Development to Properties will be achieved more systematically, and that problems experienced in the initial occupancy of a building will be greatly reduced.

FINANCE AND ADMINISTRATION

Financial Services Branch	13
Financial Planning Branch	13
Revolving Fund Accounting	
Branch	13
Departmental Financial System . .	13
Management Services Branch . . .	14
Personnel Branch	14

Finance and Administration

Finance and Administration is responsible for providing central support services to the department as follows:

- Finance, including accounts processing, budget preparation and analysis, and financial control processes.
- Personnel, including recruitment, classification, pay and benefits, training and safety.
- Electronic data processing (EDP) systems, including planning and standards, and provision of project management expertise to line areas during development and implementation.
- General administration, including mail services, accommodation, telephones, parking, and records management.

Financial Services Branch

The Financial Services Branch is responsible for providing a full range of accounting and tender administration services for General Revenue and Heritage Fund activities of the department.

During the 1985-1986 fiscal year, the branch increased its accounts processing and tendering activities, while eliminating two permanent positions. Initiatives undertaken to improve processing of accounts and handling of tenders included:

- Realignment of the branch to improve accounting support for privatization and project-related activities.
- Participation in the design of the Financial Project System (FPS), a system which will be used to monitor and control project expenditures and non-project contract expenditures.
- Extensive preparation for implementing the new payment of accounts system (DFS/CFS), emphasis being placed on maximized use of system features and staff job enrichment.

- Development of financial control standards for delegating the responsibility for transaction verification, and for data entry activities associated with departmental projects, to decentralized financial support units.
- Initiation of a self-pay purchase order for vendors, designed to speed up payment of small dollar purchases.
- Elimination of fees associated with plans and specifications issued for departmental tenders.
- Increased use of private sector printing services; in excess of 25% of all plans and specifications are now printed in the private sector.
- Implementation of a microcomputer-based system for fixed asset control.

Key operational statistics are as follows:

Invoices processed	148,300
Accounts payable, average processing time	35 days
Projects tendered and closed	284
Plans and specifications issued	11,049 sets

Financial Planning Branch

The Financial Planning Branch is responsible for General Revenue and Heritage Fund financial planning processes, and for coordinating, analysing and making recommendations for the department's operating and capital budgets.

During 1985-86, planning began for the Financial Project System, which will be used for budgeting and expenditure tracking for all project-related activities in the department.

Departmental Financial System

The Revolving Fund was converted from the Alberta Financial Information System (AFIS) to the Departmental Financial System/Central Financial System (DFS/CFS) on February 1, 1986. The General Revenue Fund conversion followed on April 1, 1986. Although several problems associated with large volumes had to be overcome, both conversions were accomplished with a minimum of disruption.

Alberta Public Works, Supply and Services was the first large department to make the transition. The department now direct-data enters its own accounting documents and enjoys on-line screen access to many day-to-day records. A significant volume of manual records has been eliminated.

Revolving Fund Accounting Branch

The Revolving Fund Accounting Branch provides a full range of accounting services for all departmental activities funded through the Revolving Fund. These services include billing, accounts receivable and payable, statement preparation and budget analysis.

Management Services Branch

The Management Services Branch provides systems, records, library, publications and general service functions. During the 1985-86 fiscal year, emphasis continued on restraint and on using technology (e.g., data base, microcomputers and networks) to share information and achieve efficiencies.

Systems

During the year, the number of systems identified in the Departmental EDP Operational Plan was reduced to 122, largely through system consolidation. The total electronic data processing (EDP) budget remained constant at \$5 million. Major activities involved the increased use of microcomputers and preparation for the implementation of the Departmental Financial System.

Records and Library Services

All holdings of the Departmental Library have been entered on the newly acquired microcomputer database system, thereby improving managerial access to information. Service levels continued to rise during the reporting period: more than 7,000 items were loaned. In addition, 130 in-depth reference searches were carried out in support of the department's programs.

The Departmental Master File System Classification Plan was upgraded. Four areas were created for inactive storage, and automated lists of holdings were provided for each area. More than 4,000 cubic feet of records were removed from high-cost office areas, resulting in significant savings.

General Services

General Services continued to coordinate and provide general service functions on a department-wide basis. One large accommodation project involved the relocation of some Finance and Administration staff to College Plaza.

The monitoring of copier selection continued to produce equipment rental savings.

Publications

At the end of the fiscal year, the Publications Section was phased out. Most technical publications are now distributed directly through the private sector.

Personnel Branch

During the reporting period, the Personnel Branch provided general personnel services in the areas of classification, recruitment, employee relations, organization development, occupational health and safety, and payroll administration. In addition, the branch continued to focus on assisting line management with the department's downsizing and privatization initiatives.

Redeployment of employees to more essential positions continued to dominate branch activity. This resulted in a reduced permanent work force with minimal employee disruption. Where staff reductions left essential positions vacant, external recruitment was reintroduced on a limited basis.

Occupational Health and Safety management concentrated on managerial awareness, and on the interpretation of the Occupational Health and Safety Act and General Safety Regulations and their impact on operations. Activities included 115 worksite visits, 31 specialized training sessions, and four accident investigations.

Short-term courses dealing with supervisory development, employee development and personnel services continued to be in high demand. A total of 1,271 employees attended in-house training programs. An additional 796 employees attended courses offered by the Personnel Administration Office.

Comparative statistics on permanent positions in the department are shown in the following table

	Total Positions at March 31	
	1985	1986
Minister's Office	5	5
Deputy Minister's Office	4	4
Finance and Administration	190	175
Information Services	723	605
Properties	1,746	1,585
Capital Development	205	201
Supply Management	397	371
Total	3,270	2,946

INFORMATION SERVICES

Trends and Directions	17
Computer Systems Division	18
Computer Processing Division	19
Telecommunications Division	20

Information Services

The functions of *Information Services* are:

- To provide effective and efficient electronic data processing (EDP) and telecommunications systems, services and expertise to Alberta Government departments and agencies.
- To establish standards, practices and guidelines necessary to support the effective use of EDP and telecommunications systems and services within the government; and to monitor the application of these standards, practices and guidelines.
- To provide planning and coordination of EDP facilities and resources for the government.

The Information Services mission is carried out through three units: the Computer Systems Division, the Computer Processing Division, and the Telecommunications Division.

The Computer Systems Division provides government-wide planning and monitoring of EDP/automation initiatives; coordination of training, standards, common systems, quality assurance and the application of new technologies; and centralized application maintenance and support services for EDP and the office technologies.

The Computer Processing Division plans for and provides facilities and expertise to accommodate timely, accurate and effective computer processing and support activities to satisfy the government's data processing requirements.

The Telecommunications Division is responsible for the planning, servicing and management of all government telecommunications requirements.

During the 1985-86 fiscal year, Information Services directly administered an expenditure budget of \$108,750,000, of which \$49,730,000 was for EDP services provided through a revolving fund. The remaining \$59,020,000 covered telecommunications services for the government, as well as funding for such activities as systems monitoring, standards, and security.

Trends and Directions

Recent years have seen a significant shift in the use of the electronic data processing (EDP) dollar. At the start of the 1980s, government EDP spending was mostly on the purchase of shared resources, both processing and people. In the last few years, the money spent on shared resources has decreased; dedicated and end-user internal resources have increased dramatically.

Much of this shift is due to the introduction of new technologies which require that resources be closer to the end users, and under their immediate control. Microcomputers and word processors are proliferating throughout the Alberta Government, as they are in other governments and in private industry. They have high-level, 'user-friendly' languages. These allow non-EDP staff to do their own modelling and analytical processing, to develop personal applications.

The increased spending on internal resources is made possible, in part, by the significant price/performance improvements which have been occurring in the data processing equipment industry. A dollar today buys the user more than twice the processing cycles that it did just three years ago. That trend is expected to continue.

Another major trend is the emerging focus on the integration of data systems and resources to meet the department's needs for information exchange on a global scale. This contrasts with today's isolated systems, which can serve only the needs of a specified operational area.

Coupled with this demand for integrated systems is the demand for broader access to data in departmental databases. To date, technical problems have prevented the transfer of data between mainframe systems and microcomputers and word processors. Moreover, as these technical problems are overcome, other problems arise. Many of these concern the integrity and security of data.

In step with these trends is the recognition that,

in the development of large-scale systems, rigid initial specifications are no longer acceptable to users. The result is that prototyping is now common. Unfortunately, prototyping is a technique which lacks a common definition. Nor is it a methodology by itself. Departments are grappling with the conflict between providing users with flexible specifications while still maintaining control over the cost and quality of the finished product.

In telecommunications, the trend toward the use of digital technology is accelerating. This is due to the wider distribution of computing systems and the consequent need for more capability in computer communications.

A major international development that will influence telecommunications into the 1990s is the introduction of the Integrated Service Digital Network (ISDN). This is an infrastructure of local distribution, switching and transmission systems capable of carrying voice, data and video services over the same medium.

The International Telecommunications Union and other standards bodies are working in concert to implement a truly international system which will meet future requirements for digital services with unprecedented speed and reliability. Trials are being conducted now, and systems are scheduled for shipment in 1987.

The impact of large-scale integration and the use of digital technology continues to reduce the costs of most telecommunications hardware, leading to greater throughput capacity for circuits. At the same time, the trend to industry deregulation is driving down the price of many services to business users, as carriers eliminate historical value-of-service pricing principles that marked the monopoly era. This, in turn, is creating a backlash in the consumer area, where residential service, historically subsidized by business users, loses its protection.

Computer Systems Division

During the 1985-86 fiscal year, the Computer Systems Division implemented program and organizational changes on which a start had been made in the previous year. These changes, arising from privatization and decentralization initiatives, included the elimination of two branches (New Projects and Office Automation) and the transfer of another two branches (Financial Administration Systems and Production System-B) to the Treasury and Energy and Natural Resources departments. (These changes involved a corresponding reduction in the number of systems maintained from 121 to 65. See **Figure 1**.) The net result was a stabilization of the roles of the division's three remaining branches. These are as follows:

The Planning and Policy Branch supports the department's mandate for planning and monitoring use of electronic data processing (EDP) by the Alberta Government. In this role, the branch:

- Reviews annual departmental EDP plans.
- Is responsible for EDP Practices and Guidelines, a manual which includes policies for usage on all aspects of EDP.
- Monitors government use of EDP, and reports on trends and impacts.

The Systems Management and Coordination Branch:

- Develops EDP standards and coordinates training
- Implements the shared use of software products throughout government.
- Maintains a program of security and quality assurance for EDP

The Application Maintenance and Support Branch:

- Maintains and enhances major EDP systems on behalf of user departments.
- Supports government priority programs and initiatives.
- Provides resources that are available to augment departmental staff during periods of transition, change, or shortfall.

During the year, the following significant trends affecting the division were identified:

- In response to the need for restraint, a more aggressive search by government departments for opportunities provided by technology to improve productivity or find new approaches to doing business.
- Continued rapid growth in the use of office automation and new technology, particularly in the use of microcomputers.
- Continued shift toward more end-user computing
- Continued growth in the number of staff needed to manage and support EDP use.

- More integration of traditional EDP, office automation, and telecommunications

In response to these trends, the branches redirected a number of their efforts into fresh initiatives.

The Planning and Policy Branch placed particular emphasis on:

- Integrated strategic EDP planning by departments.
- Comprehensive monitoring of all aspects of EDP, including office automation and other new technology.
- Analysis and presentation of EDP activities and trends to assist in all aspects of EDP use in government, such as in policy setting, strategic planning, and the identification of cost-saving opportunities.

The Systems Management and Coordination Branch:

- Began a major review and enhancement of standards and guidelines.
- Extended its training program to address the distinct needs of the end user and the impact of new technology.
- Increased its involvement in cross-government systems and began an extensive examination of more systems that could be used effectively across multiple jurisdictions.

The Application Maintenance and Support Branch:

- Began a major retraining program designed to prepare the branch (1) to help end users; and (2) to make full use of the options available in newer technologies, particularly in microcomputers
- Increased its support to end users.

Figure 1

Number of Systems Maintained
A Five-Year Comparison

1982	101
1983	111
1984	123
1985	121
1986	65

Computer Processing Division

The 1985-86 fiscal year saw the Computer Processing Division increase its volumes of service without a corresponding increase in costs, and with fewer staff.

The growth in processing volumes, which continues each year, is shown in **Figure 2**. In 1985-86, growth was particularly evident in Central Processing Unit (CPU) hours. This reflects a continuing shift by users to on-line systems and services.

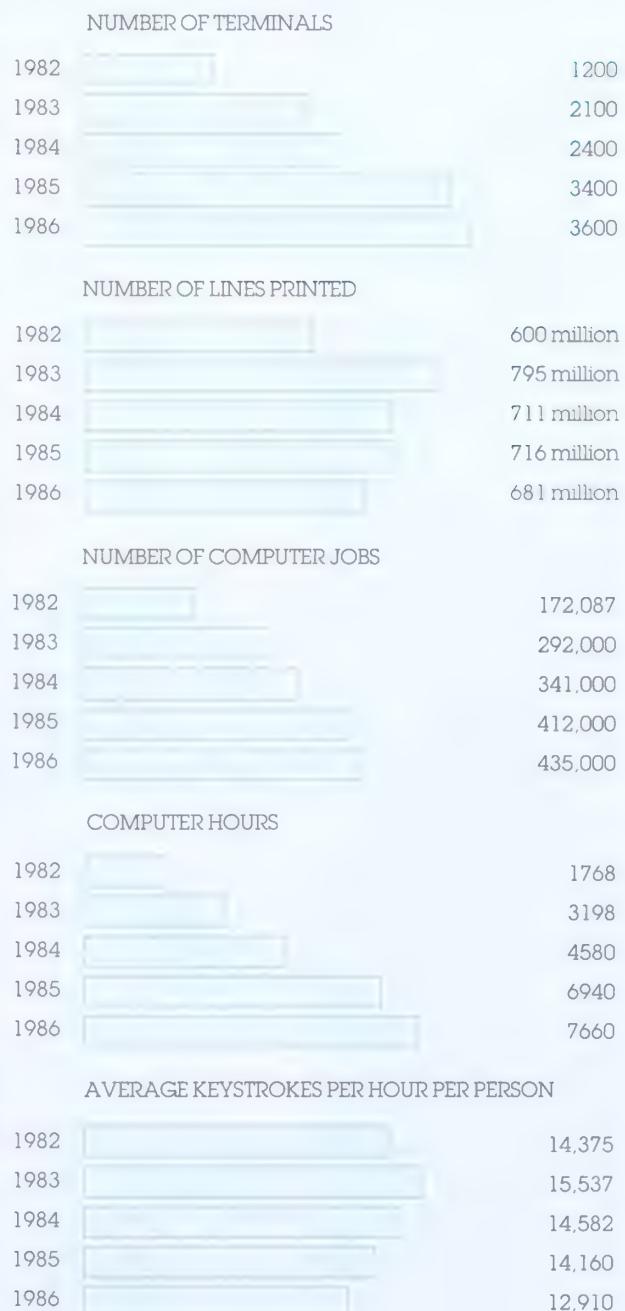
Significant numbers of peripherals, as well as enhancements to existing processors, were installed to accommodate increased workloads; major cost reductions were achieved for installed peripherals and processors.

The division's expenditures during the reporting period were \$44.2 million, a decrease of 2.2% from \$45.2 million in the 1984-85 fiscal year. At the same time, the growth in processing volumes, the shift to on-line usage and its higher values, and significant cost reductions for computer hardware combined to produce excess revenue. Accordingly, shared processing rates in 1986-87 are being reduced by 27%; further rate reductions are projected for 1987-88.

During the year, the new Maintenance Enforcement System was completed for the Department of the Attorney General. This major project had a demanding schedule. But it was completed on time and below budget for both development and operating computer processing costs.

The division's staff was reduced by 13 full-time positions. Downsizing in the data entry area was achieved by attrition; there were no layoffs. However, the departure of good operators in the past three years, through attrition and redeployment, has resulted in a drop in the average hourly keying rate. This can be seen in **Figure 2**.

Figure 2
Monthly Volume Comparisons



Telecommunications Division

Primarily due to the continued development of the province-wide multi-departmental mobile radio system (MDMRS), expenditures by the Telecommunications Division in the 1985-86 fiscal year increased to \$46.5 million. However, due to a cost-reduction program and the use of more cost-effective equipment, expenditures for local telephone service decreased by almost \$1.0 million.

At the end of the fiscal year, MDMRS was operational in 80% of its intended operating territory, and a 24-hour control service was operating for Highway Patrol and Fish and Wildlife field personnel.

A major organizational change was the transfer to the division's Network Management Branch of the Network Support Group from the Computer Processing Division. The move integrated the planning and operation of voice and data infrastructures throughout the province.

Modernization of the Alberta Government Network (AGN) continued. During the year, the Lethbridge consolidated centrex system was converted to digital service. This provides the same features already existing in Calgary, Red Deer, and Grande Prairie, and allows more efficient inter-city communication. Also, agreement was reached with Alberta Government Telephones to replace 25 obsolescent switchboards in rural locations.

New government switchboards were installed in the Alberta Research Council (Edmonton), in High Prairie and McLennan; major projects were completed in the new Medicine Hat Court House and in the Provincial Buildings at Morinville and St. Albert. In addition, the division's staff completed approximately 500 tenant improvement, 140 capital, and 300 user department projects of various sizes.

The AGN is now being used for dial-up and point-to-point data communication by a number of government departments. These departments thereby save long-distance charges and benefit from the economies of scale available through the integration of voice and data transmission. A map of the network is shown in this report as **Figure 3**.

To control costs, and to ensure that the AGN is used only on government business, work was begun on the development of a recording system which will track all calls placed on the network.

A joint project with the Department of Advanced Education was expanded, at minimal cost. This is the use of AGN in the evening, when it is largely idle, as a teleconferencing facility for adult education.



Figure 3

Alberta Government Network (AGN)

PROPERTIES

Property Planning	
Division	23
Administrative Services Branch	23
Project Administration Branch	23
Project Development Branch	23
 Realty Division	23
 Property Management	
Division	25
 Property Contract	
Management Division	27
 Facilities Performance	
Planning Division	28

Properties

The *Properties* organization is responsible for the planning, acquisition, disposal and management of land, buildings and related facilities owned by Alberta Public Works, Supply and Services. It is responsible for all land requirements of the Alberta Government, with the exception of Alberta Transportation and Alberta Housing. Properties manages the payment of grants-in-lieu of taxes under the authority of The Crown Property Municipal Grants Act.

During the 1985-86 fiscal year, Properties was directly responsible for the following budgets:

Vote 3 — Management of Properties	\$246,753,300
Vote 6 — Land Assembly	\$ 7,538,800
Capital City Park Land	\$ 1,000,000
Fish Creek Park Land	\$ 1,780,000
Irrigation Head Admin. Support	\$ 95,000
	<hr/>
	\$257,167,100

The organization also provided full land planning and acquisition services to Environment Heritage programs and to the Alberta Government Land Purchase Fund. These had land acquisition budgets of \$1,560,000 and \$41,431,000 respectively.

The scope of Properties' responsibilities extends from support for comprehensive long- and short-term planning and implementation of the government's land requirements and general purpose office and warehouse space, to evaluation and maintenance programs designed to make the most economical and effective use of facilities throughout their life.

During the fiscal year, a new division and a new branch began operations. Both were staffed through the redeployment of existing personnel. The Property Contract Management Division, actually created in November 1984, became operational on April 1, 1985. Its mandate is to manage government-owned and leased facilities through the private sector. The first step in this development was the turnover to the new division of 200 628 m² of owned and leased space from the Property Management Division.

Also on April 1, 1985, the Land Planning and Management Branch was created and began operations in the Realty Division. Its mandate is to support the government's land acquisition programs for which Properties is responsible.

Reports from each of the five Properties' divisions follow.

Property Planning Division

The Property Planning Division is responsible for long- and short-term planning of departmental office and warehouse space requirements, designing and constructing tenant improvements in office and warehouse space, maintaining standards for office entitlements, and maintaining space inventories for the provincial government. During the 1985-86 fiscal year, expenditures on accommodation projects totalled \$12,131,159. These expenditures included tenant improvement construction of \$6,786,626, consultant fees of \$1,877,567, tenant improvement project furniture of \$2,502,487 and non-project furniture of \$964,479. The division's responsibilities are executed through the following branches:

Administrative Services Branch

The Administrative Services Branch consists of the following:

- Records Centre, which is responsible for maintaining the file inventory for all branches in the division.
- Financial Unit, which is responsible for coordinating the divisional budget; for preparing financial reports for divisional managers; and for maintaining financial control over all expenditures, a responsibility which includes processing orders and invoices for office furniture, consultants, operating budget expenditures and tenant improvement projects.
- Word Processing Unit, which is responsible for producing memoranda, letters and reports, using the division's word processing system.

Project Administration Branch

The Project Administration Branch is responsible for the construction of tenant improvements in leased and existing Crown-owned office and warehouse space.

The branch ensures that all assigned projects are completed within established schedules, scope and budget constraints. Responsibilities include establishing time frames, preparing tender packages, reviewing tenders and quotations, awarding contracts, conducting site inspections, and issuing acceptance letters on completed projects. Provision of contract moving services and coordination of telecommunications and computer services are also part of this branch's responsibility.

During the 1985-86 fiscal year, the branch managed 602 tenant improvement projects with a total expenditure of \$6,786,626.

Project Development Branch

The Project Development Branch plans and designs all general purpose office and warehouse accommodation for government departments and agencies.

Short-term activities include identification and assessment of space needs for departmental programs, and the allocation and design of general purpose office and warehouse space for multi-departmental use in urban and rural Alberta.

Long-term activities include 1) accommodation planning at the regional level; 2) policy inputs for build/lease decisions; and, 3) development of long-term space forecasts and recommendations for construction of office space, such as new provincial buildings and office complexes.

Office space requirements are satisfied within existing space, or through the acquisition of new leased space.

Other branch services include the provision of 1) standards and specifications for office space and furniture; 2) general and occupancy-fit programs for provincial buildings and all major office complexes; and, 3) space and parking inventory control systems.

Realty Division

The activities of the Realty Division fall into four groups: Grants-in-Lieu of Taxes, Leasing, Land Acquisition, and Land Planning and Management. Details of transactions during the 1985-86 fiscal year relating to grants-in-lieu of taxes, leases, land acquisition, and R.D.A (Restricted Development Areas) land acquisition are shown in the tables which follow the commentaries on each of the division's activities.

Grants-in-Lieu of Taxes

The division administers the Grants-in-Lieu of Taxes, Local Improvements Taxes and Business Revitalization Zone Taxes payments program for all Crown-owned property (grants are paid to lower-level governments in lieu of property taxes). The budget for 1985-86 was \$28,917,000.

Leasing

The Leasing Branch acquires leased space on behalf of all government departments, and undertakes related lease negotiation and documentation services. Similar services are provided to Treasury Branches and the Energy Resources Conservation Board.

Land Acquisition

The Land Acquisition Branch is responsible for the acquisition of all properties required for Alberta Public Works, Supply and Services, Alberta Environment, Alberta Energy and Natural Resources, Alberta Recreation and Parks, Alberta Utilities and Telecommunications, Treasury Branches and, in some cases, the Alberta Liquor Control Board. Disposals are undertaken on behalf of Alberta Public Works, Supply and Services, Treasury Branches, and, in some cases, the Alberta Liquor Control Board.

Acquisitions are funded through various sources including Vote 4, Vote 6, the Government Land Purchases Fund, the Alberta Heritage Savings Trust Fund (Alberta Public Works, Supply and Services, and Alberta Environment), Treasury Branches, and the Alberta Liquor Control Board. Lands are acquired for various government programs and projects. Also, in the 1985-86 fiscal year, the department purchased 11 properties in the Calgary Restricted Development Area and 12 properties in the Edmonton and Sherwood Park West Restricted Development Area. Approximately 60% of the land required for the Oldman River Dam Project was also acquired.

Land Planning and Management

The reporting period was the first year of operation for the Land Planning and Management Branch. It has two functional areas: (1) Land Planning, which includes responsibility for defining the land acquisition needs of other departments, for recommending budgets and for initiating projects with approved scope and time parameters for the Land Acquisition Branch; and, (2) Land Management, which prepares and administers all lease agreements for land in the Calgary, Edmonton, and Fort McMurray Restricted Development Areas.

The division's transactions in the tables which follow are compared with those for the previous fiscal year.

	1985-86	1984-85
Grants-in-Lieu of Taxes		
Number of claims	5,119	5,613
Amount of grants-in-lieu of taxes	\$28,605,444	\$25,987,599
Amount for local improvements	184,877	224,367
TOTAL	\$28,790,321	\$26,211,966

	1985-86	1984-85
Leases		
Number of rents payable and accounts receivable	1,307	1,282
Annual amount of accounts receivable	\$6,355,377	\$6,509,179
Annual amount of rents payable (including all lease costs)	\$77,291,209	\$82,929,915
Number of leases for Treasury Branches and Energy Resources Conservation Board	61	79
Annual value of Treasury Branches and Energy Resources Conservation Board leases	\$8,512,327	\$8,244,399

* Lease expenditures dropped compared to 1984-85 primarily as a result of the transfer of responsibility for the payment of operating and tax escalations to the Property Contract Management Division.

	1985-86	1984-85
Land Acquisition		
Vote 6	\$ 9,840,000	\$ 5,731,860
Land Purchase Fund (R.D.A)	22,846,000	32,197,809
TOTAL	\$32,686,000	\$37,929,669

	1985-86	1984-85
R.D.A. Leases		
Number of accounts receivable	141	N A
Annual amount of accounts receivable	\$438,220	N A

Property Management Division

The Property Management Division is responsible for the management, operation and maintenance of government-owned and leased facilities. Services are provided through three geographical regions, a Security Branch, and a Divisional Support Branch. The three regions are shown in **Figure 4**. This figure also shows the distribution of government space operated by the division in the three regions.

At March 31, 1986, the division was responsible for 1 803 800 m² of owned space and 166 000 m² of leased space for a total of 1 969 800 m². During the fiscal year, 247 000 m² of owned space and 369 000 m² of leased space were transferred to the Property Contract Management Division.

Figures 5 to 8 on the next page show the owned space maintained by the division, owned space by major building type, an energy consumption analysis, and a summary of operating and maintenance costs in owned space by functional costing categories.

In addition to its responsibility for the management, operation and maintenance of government space, the division was involved in the following activities:

Security Services

A security office at Government Centre in Edmonton provided uniformed patrol services and security supervision of sites in the urban Edmonton area, as well as electronic monitoring of various locations in the province. Consulting services in all aspects of security were provided upon request to government departments.

Shops Services

During the 1985-86 fiscal year, Alberta Government Shops completed 1,853 projects; their value was \$1,606,000. Work for other government departments consisted of 487 projects with a value of \$487,000. Participation in all this work by the private sector was valued at approximately \$50,000.

Special Projects

In support of the department's conversion from the Alberta Financial Information system (AFIS) to the new Departmental Financial System (DFS), and introduction of the new Departmental Property Identification System, the Divisional Support Branch carried out a major training project with field offices located throughout the province. At the same time, the Building Management Information System (BMIS) for functional costing was revised to provide improved operational data.



Figure 4
Property Management Regions
at March 31, 1986

Figure 5

Owned Space

Property Management Division



Figure 7

Annual Energy Consumption in Owned Space

(in megajoules per square metre)



Figure 6

Owned Space by Major Building Types

Relative Cost and Size

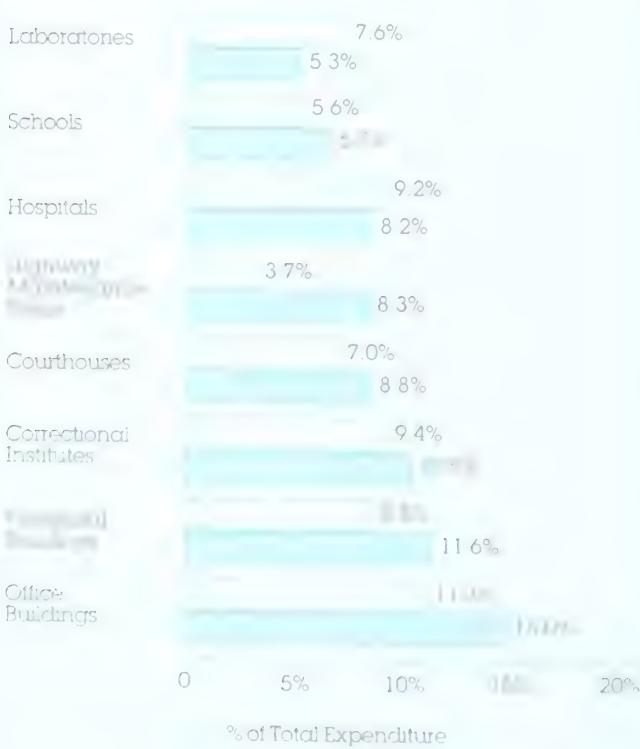


Figure 8

Functional Costs 1985-86

Owned Space Only

(in millions of dollars 1984-85 in brackets)



Food Services

Consulting on food services to other departments continued to grow. Meanwhile, contracts were renewed and retendered on existing facilities. The primary objective continued to be quality food and service at minimum cost to employees. Emphasis was placed on improved nutrition and its relationship to employee well-being in the workplace.

Custodial Services

Support to building managers and superintendents in tendering and awarding custodial contracts increased substantially during the fiscal year. At the same time, in support of privatization, 201 custodial contracts in government buildings are now in place. In addition, 103 Treasury Branches are now contracted to the private sector. The combined value of these private sector contracts is approximately \$3,000,000.

During the year, at the request of contract managers, inspections of contracted space were increased. Meanwhile, consulting services in all aspects of cleaning were provided in all government departments. Through workshops and site visits,

caretakers were brought up to date on equipment, chemicals and cleaning procedures.

Landscape Services

The division's landscape program was expanded to provide consulting resources and inspections to the Property Contract Management Division. Training programs also continued, with emphasis on pruning workshops, maintenance of naturalized sites, and contract management. Approximately 30 locations received assistance with site renovations and improvements.

Contract development and administration assistance was provided to the field staff of the Property Management Division. The irrigation program (run in conjunction with the department's Site Development Division) continued with 20 new sites being added to the 18 already in the program.

Liaison with the Project Management Division and user department's staff resulted in the development of maintenance programs for new as well as existing sites. The landscape unit's newsletter continued to be an effective channel for disseminating information and improving communication.

Property Contract Management Division

The Property Contract Management Division was set up on November 1, 1984, with responsibility for managing government-owned property through property management contracts and for managing leased property through lease agreements.

Owned Property

On April 1, 1985, 16 property management contracts, amounting to 170 628 m² of space, were transferred from the Property Management Division for total management.

During the fiscal year, 17 new property management contracts were tendered and awarded. These contracts covered 134 buildings, amounting to 247 264 m² of space, with a total contract value of \$12,225,835.

At March 31, 1986, 33 property management contracts were in place, amounting to 417 892 m² of space, with a total contract value of \$20,550,722.

These figures show that, at March 31, 1986, 17% of all government-owned space was being managed by contract.

Leased Property

On April 1, 1985, 30 000 m² of space was transferred from the Property Management Division for total management.

At March 31, 1986, the division was responsible for the property management of 791 payable leases (including 19 out of province), 516 receivable leases, and 68 leases for Treasury Branches.

During the fiscal year, 396 000 m² of space, representing 70.5% of the total managed by the division, was tendered for tenant services work; total contract value was \$3,179,144.

Total annual expenditure for leased property, other than rental payment and tenant services work, was \$7,253,713.

Facilities Performance Planning Division

On January 1, 1986, the Building Sciences Division was restructured and its name changed to the Facilities Performance Planning Division. Reasons for the change included the need to respond to an expanded mandate, and the requirement to provide resources to the two divisions now concerned with property management. The division's activities now fall into four groups: Building Sciences, Facility Evaluation, Facilities Management, and Energy and Control Systems.

Specialist Building Science resources are available to the department and, where appropriate, to other government departments and agencies. The division's Building Sciences Branch combines a number of disciplines: research, standards setting, and identifying and solving problems in new and existing facilities. In addition, close ties have been developed with the National Research Council. The objectives are to promote technology transfer, and to provide information to the construction industry which will generally help improve building quality.

The Facility Evaluation Branch completed 125 evaluations during the reporting period. Here, the objectives were to develop planned maintenance programs and highlight maintenance needs in government-owned facilities. The evaluation program was implemented through private sector consulting teams.

They utilized a data reporting format from which a comprehensive facility database can be developed. This will include the established Energy Consumption Reporting System for owned facilities. In total, 32 consultants were retained, the total fee being \$650,340.

Responsibility for implementing maintenance projects identified through Facility Evaluation is included in the division's mandate.

The Facilities Maintenance Branch provides technical and professional resources to the Property Planning, Property Management, and Property Contract Management divisions. During the 1985-86 fiscal year, more than 1,000 routine maintenance projects were addressed. To do this, 25 consultants were used, their work being managed by the branch's project specialists. Total fees for consultants were \$274,360.

The Energy and Control Systems Branch provides the department with:

- Standards and guidelines for the energy targets in new buildings.
- Retrofit energy targets for existing facilities.
- Automated control system strategies for new buildings.
- Priorities for upgrading existing facilities.
- Educational programs in the use of automated controls for operational staff.

During the reporting period, ten buildings were identified for automated control system retrofits, seven were identified for energy conservation measures. The objective in all cases is to improve energy efficiency and environmental conditions in government-owned facilities.

SUPPLY MANAGEMENT

Supply Operations	
Division	31
Printing Services Branch	31
Records Management Branch	31
Equipment, Courier and Surplus Branch	32
 Procurement Division	34
Purchasing Branch	34
Warehousing and Distribution Branch	36
Southern Region	36
Contracted Services Branch	37
Air Transportation Branch	38

Supply Management

Supply Management is responsible for the delivery of a wide variety of materials and service management programs to government departments. These programs include procurement of materials and services, warehousing and distribution of common-use items, marketing of surplus materials, vehicle fleet management, office equipment maintenance, courier service, printing and duplicating, records management, air transportation, and advisory services in the areas of standards, specifications and quality assurance.

During the 1985-86 fiscal year, goals established in the preceding year were continued. They reflect the desire to reduce or downsize operations wherever possible and to identify opportunities to privatize functions where advantageous. Assessment of operations continued to determine where economies could be realized from amalgamation or elimination of activities, from streamlining or automation. Major emphasis was placed on the identification of opportunities to reduce or eliminate costs. The need to demonstrate sensitivity and helpfulness in support of the Alberta business community was reiterated.

As a result of initiatives taken in pursuit of these goals and objectives, staff was reduced by 21 (or 5%); as well, the transfer of activities to the private sector continued.

Further progress was made in streamlining operations and in making delivery of services more efficient. This made it possible to respond satisfactorily to the needs of program departments, while implementing cost-saving measures. The introduction of microcomputers to automate administrative functions continued, resulting in direct manpower savings and cost avoidance as well as more effective control. The automation of administrative and operational activities has made it possible to maintain service levels with fewer human resources.

Supply Management continued to support the Alberta supplier community. Information on how to deal with government was disseminated, and procedures were kept simple and straightforward. Supply Management also directs suppliers and facilitates their activities in matters relating to the payment of accounts. Product specifications favorable to Alberta suppliers continue to be established. As well, liaison with federal government officials was carried on to promote full use of Alberta suppliers in their purchasing activities.

Supply Management operates through two divisions: Procurement and Supply Operations. Reports from each of these divisions follow.

Supply Operations Division

The Supply Operations Division provides printing services, records management, vehicle leasing and maintenance, office equipment rental and repair, central courier and delivery, and asset disposal.

Translation Services, formerly a branch of Supply Operations Division, was transferred to Alberta Federal and Intergovernmental Affairs on April 1, 1985.

Printing Services Branch

The Central Duplicating Plant and two Quick Print Centres together provide integrated copying, duplicating and printing services to all government departments. The branch also advises users concerning the most cost-effective reproduction alternatives. During the reporting period, emphasis continued to be placed on redeployment and staff retraining in accordance with the overall objectives of privatization, downsizing, and productivity improvement.

The workload volume at the Central Duplicating Plant increased 3.9% with no increase in resources. The work contracted to the private sector remained at 92% of total government printing expenditures. Printing produced internally is directed to low-volume projects requiring short delivery service response, usually within six working days. The average value per order is \$270 and is generally uneconomical to tender. The plant's offset press and bindery facility were streamlined, substantially improving production work flow and material handling.

The Calgary Quick Print Centre was closed as a result of the move toward privatization. Manpower, equipment, and facilities were reduced accordingly. The workload at the two Edmonton Centres grew by 5.5%. This greater volume was handled without any staff increase due to improvements in automation and productivity. Also, the electoral listings, totalling 3.2 million copies, were completed at a significantly lower cost than previously. The average value per order within Quick Print is \$55; delivery service response is within eight working hours.

The Quick Print Centres continue to provide a cost-effective alternative to photocopiers and duplicators. An estimated \$1 million is saved annually through the use of this service. Functioning under the department's revolving fund financial system, all branch costs are tightly controlled. All cost increases experienced over the past two years have been absorbed; therefore, rates to the users have remained unchanged.

Figure 9 provides a five-year comparison of the number of impressions and copies produced by the branch.

Figure 9

Printing Services
Impressions and Copies Produced
(in millions)



Records Management Branch

The Records Management Branch manages and maintains centralized records storage facilities, providing storage of records in various forms, including microfilm, paper and computer. The branch also controls records retention and destruction.

The use of high-density storage, available through the Records Centre, saves over \$1 million annually on the cost of storing the same records in office space. The Records Centre has capacity for 187,000 cubic feet of paper records and 43,000 computer tapes. During the 1985-86 fiscal year, holdings increased by 16%, and comprised 120,000 cubic feet of paper records (64% of capacity) and 30,000 computer tapes (70% of capacity).

During the year, a new multi-year contract for private sector records storage facilities and services in Calgary was renegotiated. Currently, 14,300 cubic feet of paper records and 650 computer tapes are stored in Calgary for government departments located in southern Alberta.

Productivity standards were developed and implemented during the year. These standards have streamlined the process of storing and retrieving an increased volume of records at the Records Centre without a corresponding increase in staff. During 1985-86, retrieval and maintenance of records reached 209,591 actions and accessions reached 26,026 cubic feet.

Disposal of records totalled 92,569 cubic feet, an increase of 22% over the previous year. Disposal of records directly from departments increased significantly. An agreement with a private sector firm is in place to pulp the paper and use it in the

manufacture of roofing shingles. The destruction of records is monitored closely to ensure confidentiality.

Work continued on an automated file location system to further streamline storing and retrieving records. Also, the first phase of computerized indexing of all terminated employee files was implemented. This will greatly ease information retrieval for verification of pension contributions and prior service.

Figures 10, 11, and 12 provide five-year statistical comparisons for accessions, disposals, and requests for retrieval.

A significant development was the reintroduction of records management training courses. The aim of this program is to aid and promote sound records management throughout the government. During the year, nine courses were offered to 135 participants (482 training days) in subjects ranging from effective filing to proper disposal of records. The branch also has prepared reference manuals dealing with records management topics.

In accordance with privatization policy, source document microfilming was discontinued at the end of 1985-86. While some departments are continuing their in-house microfilming services, the potential annual benefit of this initiative to the private sector is \$250,000.

Records Management continues to research various technological systems as well as the use of automation in retrieving and storing records. Records Management also maintains and updates publications regarding the management and control of the records function on a government-wide basis.

Equipment, Courier and Surplus Branch

The Equipment, Courier and Surplus Branch provides government departments and agencies with equipment leasing and maintenance, mail delivery and asset disposal services. This is accomplished by using 18 work site locations and 127 employees.

Surplus Sales: Sales activity continued to be strong through the year, revenue increasing by \$2.0 million (or 30%) over the previous year. This increase is largely attributable to the sale of a computer on behalf of Information Systems for \$3.65 million.

Private sector auctions are now a major element in marketing surplus material. During 1985-86, 16 auctioneers sold goods totalling \$2.4 million; 619 vehicles were sold by auction for \$1.9 million. There were 186 truck loads of miscellaneous material shipped to auctioneers in rural Alberta.

The Abandoned Vehicles Disposal Project is handled by Surplus Sales on behalf of Alberta Solicitor General. The project includes administration of the towing, storage, and sale of abandoned vehicles throughout Alberta. In total,

Figure 10

Records Management
Accessions Intake of
New Storage Material (in cubic feet)



Figure 11

Records Management
Disposals (in cubic feet)



Figure 12

Records Management
Requests for Retrieval



5,149 vehicles were processed and sold under the project. Revenue exceeded expenditure by \$87,000.

Figure 13 in this report shows the sources of revenue from surplus sales during the reporting period; **Figure 14** provides a five-year comparison of total revenue from surplus sales.

Figure 13

Surplus Sales
Sources of Revenue: 1985/86

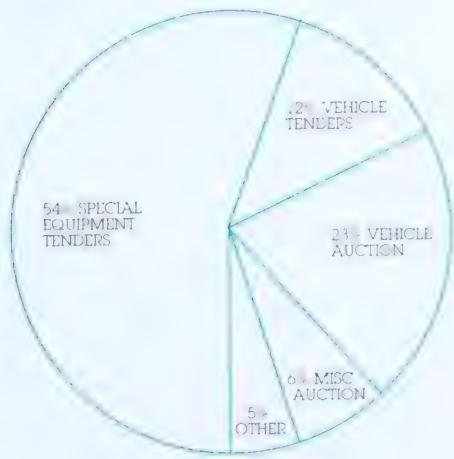
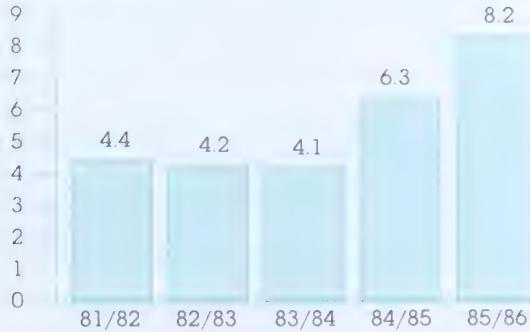


Figure 14

Surplus Sales
Total Revenue
Millions of Dollars



Central Delivery and Courier Service: This unit offers two major services. The first is the distribution of government material to 165 locations in the province. This is an overnight service to and from Edmonton, provided through a private sector contract. During the reporting period, 220,129 shipments for a value of \$616,000 were handled under this contract.

The second service provides local distribution of mail, mail metering, and postal information programs. These services are operated from six

locations in Edmonton, two in Calgary, and one each in Lethbridge, Medicine Hat, Red Deer, Grande Prairie, and Peace River. There are 420 delivery stops in Edmonton and 196 in Calgary. The Edmonton office also provides an envelope insertion service.

In Edmonton, Courier Service offers an on-call messenger service for the Legislature and Legislature Annex; there were 2,047 calls during the year.

Also in Edmonton, deliveries to distribute data processing materials have been privatized, at an annual cost of \$24,000.

The Postal Information Program was presented 27 times during the reporting period; six of these presentations were held outside major cities. The program shows users of Courier Service facilities and services how to minimize postage costs and expedite mail.

Figure 15

Courier Service
Shipments and Locations



Figure 15 in this report presents a five-year comparison of courier locations and shipments.

Central Vehicle Services: This unit provides light vehicles to all government departments, using a non-maintenance lease system. Vehicles are also made available for short-term requests of up to 30 days. During the reporting period, through more stringent controls and information systems, the fleet size was reduced by 174 vehicles. This is shown in **Figure 16**, on the next page, which presents a five-year comparison of the unit's fleet size.

A new computerized Vehicle Inventory Management System has greatly increased the availability of essential information, assisting staff to successfully apply sound fleet management practices and reduce costs to all user departments.

In 1985-86, a government-wide Vehicle Preventive Maintenance Program was introduced. This will allow the retention period for vehicles to be extended. Replacement will now be determined by usage and condition rather than the former combination of mileage and age. This change, in 1985-86, resulted in only 725 replacement vehicles being purchased versus 900 vehicles in 1984-85, representing a cost deferral of approximately \$2 million.

Figure 16



Automotive Services: This unit carries out vehicle outfitting, maintenance and repairs on government vehicles for Central Vehicle Services and for users. During the 1985-86 fiscal year, 4,222 automotive service jobs were completed, a decrease of 4% from the previous year. This decrease is shown in **Figure 17**, which presents a five-year comparison of jobs completed by Automotive Services.

Office Equipment Services: This unit repairs office equipment other than photocopiers and electronic items. It also rents out typewriters, on a short-term basis. In total, 2,600 service contracts were in place in the 1985-86 fiscal year. In the same period, the unit responded to 7,912 trouble calls, a reduction of 27% from the previous year. A five-year comparison of the number of contracts and trouble calls is shown in **Figure 18** of this report.

Because of lower demand, the rental equipment inventory was reduced during the year by 14%. As a result of the smaller work volume, and the increased use of the private sector, the unit's staff was reduced by five, but only through attrition.

Figure 17

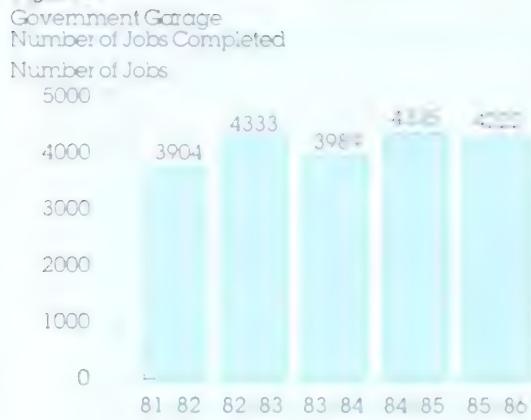
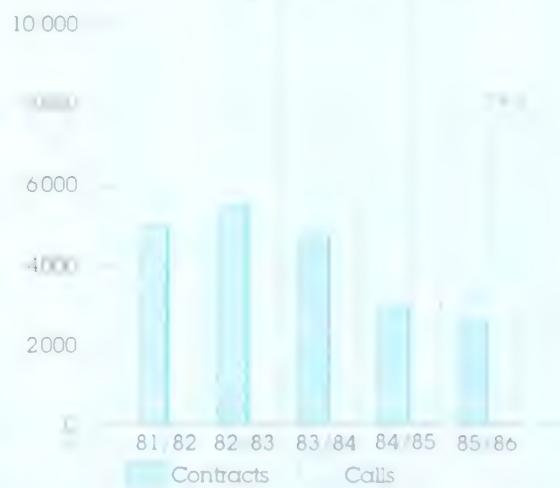


Figure 18

Office Equipment Services
Service Contracts and Calls
Number of Contracts and Calls



Procurement Division

The Procurement Division of Supply Management is responsible for the centralized purchasing of goods, the acquisition of selected services and the maintenance of an inventory of commonly used products. It comprises four operating units: Purchasing Branch, Contracted Services Branch, Warehousing and Distribution Branch, and the Southern Region Office in Calgary.

Purchasing Branch

The Purchasing Branch acquires materials and supplies for all departments as governed by the Public Works, Supply and Services Act.

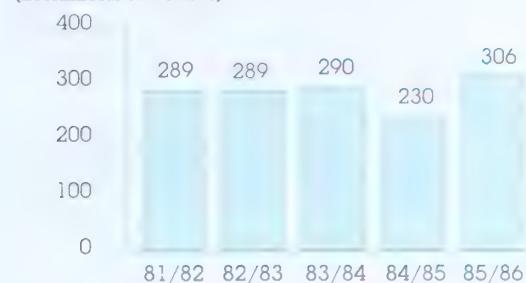
During the 1985-86 fiscal year, materials and supplies valued at \$306 million were acquired. This was an increase of 33% over the previous year. Of

this amount, \$216 million (71%) was spent with Alberta manufacturers and processors, \$78 million (25%) with Alberta-based distributors, and \$12 million (4%) was spent outside Alberta. Major purchase groups included road and highway materials — \$149 million; transportation equipment — \$31 million; specialized equipment (including hospital and laboratory) — \$18 million; construction materials — \$37 million; agricultural, food and office supplies — \$21 million; petroleum products — \$19 million.

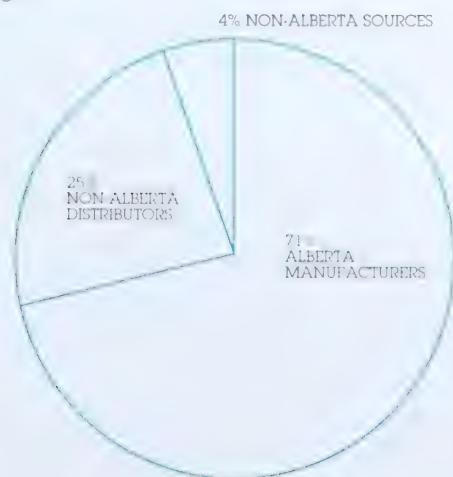
Figures 19 and 20 in this report present five-year comparisons of the dollar value of purchases and of the number of purchasing transactions. **Figures 21 and 22** show, in chart form, purchases by origin and purchases by commodity group.

Figure 19

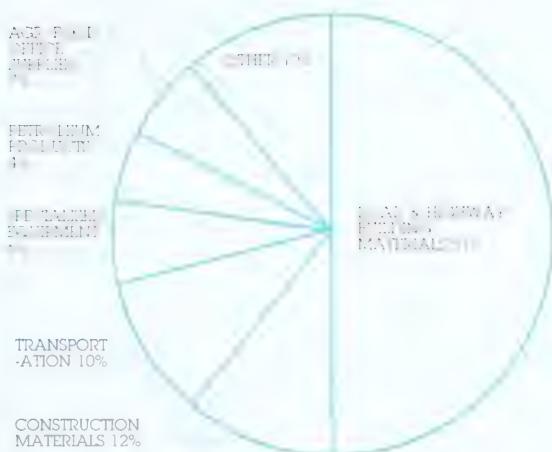
Value of Purchase
(in millions of Dollars)

**Figure 21**

Purchases in 1985/86
By Origin

**Figure 22**

Purchases in 1985/86
By Commodity Group



The number of vendors wishing to be notified of Alberta government tenders continued to increase, and now exceeds 11,000. This degree of interest in doing business with the government has helped maintain a high level of competition and has had an impact on prices for materials and supplies.

To increase awareness among small businesses on how to conduct business with the Alberta government, Supply Management participated in trade fairs sponsored by the private sector in Calgary and Edmonton. One result was that many vendors asked to have their names added to the government's source list and to be considered for future tenders.

Continued attention is paid to providing a fair opportunity for vendors located outside major cities to sell goods and services to the government. Procedures currently in place permit purchasing staff to restrict vendor eligibility to those in the local area in which the goods will be used, provided adequate competition exists and the value of the order does not exceed a moderate threshold.

In an attempt to build and maintain sound vendor relations, pre-bidder meetings have received renewed emphasis to ensure suppliers are fully aware of the specific nature of products being tendered and the terms and conditions of tenders. After completion of a tender award, reviews and debriefings are also held to respond quickly to vendor queries.

The Standing Offer Purchasing System continued to play a key role in the supply strategy. It allows government departments direct access to vendors without having to go through the tender process for each individual requirement. This saves time and administrative costs for both users and vendors.

During the reporting period, 11,000 different items could be purchased directly from 250 Alberta companies. The total value of purchases using this system was over \$11 million.

Another key component in the supply strategy is the Direct Purchase Order. This delegates to users, especially those outside major cities, the authority to meet lower value and urgent requirements through local sources. Under this system, regional purchases amounted to \$23.7 million during the reporting period.

The branch now has over 200 specifications in place which state the quality and level of performance required for products and services purchased by the Alberta government. This also ensures that Alberta-based manufacturers and suppliers will not be at a disadvantage in supplying government requirements. As well, in cooperation with Alberta Economic Development, the branch is promoting a Quality Management Program with selected manufacturers. The program is expected to improve the quality of products to non-government consumers.

Through consolidation and automation, the Purchasing Branch has reduced its manpower complement by 17% since 1983.

Warehousing and Distribution Branch

The Warehousing and Distribution Branch provides centralized warehousing, inventory management and distribution services in support of government departments where savings can be obtained by using economies of scale.

During the year, in-house commodity transport services were discontinued in favor of contracting all service requirements through the private sector. Also, the building supply line was discontinued, resulting in individual users acquiring their needs directly from vendor sources. With the discontinuance of the building supply line, the centralized service provided for Alberta Recreation and Parks was also discontinued.

A policy decision was made to transfer furniture to a private sector public warehouse facility. Inventory management, order processing and other administrative functions for furniture were transferred from the Warehousing and Distribution Branch to the Properties Planning Division.

The branch has retained only those line items and services which represent the highest savings to the government. An independent study conducted in 1984-85 determined that a savings of \$3.2 million was achieved by maintaining the functions of the Warehousing and Distribution Branch over alternative methods of supply. Thus, the remaining components of this service are a highly valuable source of savings in this period of financial restraint.

Initiatives in privatization and downsizing, and the introduction in September 1984 of the automated order entry and inventory management

system, resulted in a 35% manpower reduction in the reporting period. During the past four years, the branch has reduced manpower from 90 to 39 employees, or 57%. During the same period, the number of items in active inventory has been reduced by 63%.

Figure 23 in this report is a five-year comparison of line items shipped and in stock; **Figure 24** shows the branch's sources of revenue in the 1985-86 fiscal year.

Figure 23

Warehousing and Distribution
Line Items Shipped and in Stock

Number of items

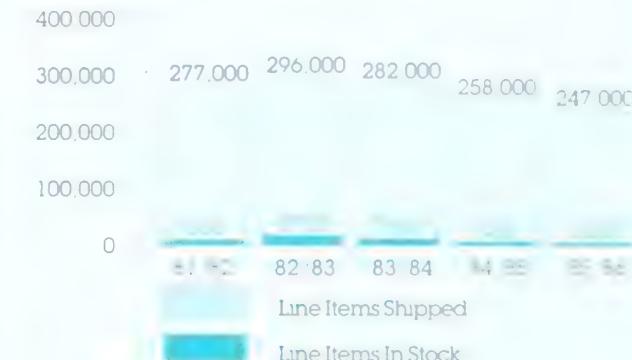


Figure 24

Warehousing and Distribution
Sources of Revenue: 1985-86



Southern Region

The Southern Region Office provides purchasing expertise in the acquisition of materials and supplies for government departments located in the southern part of the province. The office serves as a point of contact and liaison with southern Alberta businesses wishing to do business with the government.

During the reporting period, emphasis was placed on encouraging and assisting Alberta-based suppliers and manufacturers, especially those located in smaller centres, to sell to the government. Toward this end, the office made a number of visits to rural centres and participated in the Calgary Small Business Trade Fair. As a result, the number of vendors registered in southern Alberta has increased by 10%; the number of standing offers in place has also increased, by 5%.

During the year, significant resources were dedicated to several major projects, including:

- Irrigation systems for grazing reserves.
- Furnishings for the new Court House in Medicine Hat.
- Snow-packing and all-terrain vehicles, survival, rescue and mountain-climbing equipment for Kananaskis Country.

Total purchases for the reporting period were \$9 million. This amount is included in figures already reported for the Purchasing Branch.

Contracted Services Branch

The Contracted Services Branch is responsible for acquisition of electronic data processing (EDP), telecommunications, word processing equipment and related consulting services.

The marketplace for data processing equipment and software continues to be highly competitive. This has resulted in favorable prices for various types of EDP equipment and peripherals. This, in turn, has permitted the cost per unit of computing within government to decrease. Demand for EDP equipment and services, and consequently demand within this area of Contracted Services, is expected to remain high as departments continue to automate to achieve more efficient operations with the same or fewer staff.

During the reporting period, 2,011 contracts were issued, an increase of 34% over the previous year. However, the dollar value of contracts dropped by 12%, to \$72.0 million. The acquisition of data processing equipment totalled \$34.9 million (49% of total dollar volume); consulting services totalled \$15.1 million (21%).

Figure 25 in this report shows a four-year comparison of contract values, in dollars; **Figure 26** shows the types of contracts issued in the 1985-86 fiscal year.

The Equipment, Leasing and Financing program provides a mechanism, under the revolving fund, which allows departments to take advantage of significant savings in hardware acquisitions by broadening competition and providing more favorable financing terms.

Technological advances and systems innovations require ever-changing acquisition initiatives. Those undertaken in 1985-86 included:

- Enhancements to standard contracts for teleprocessing devices.

Figure 25

Contracted Services Value of Contracts
(in millions of dollars)

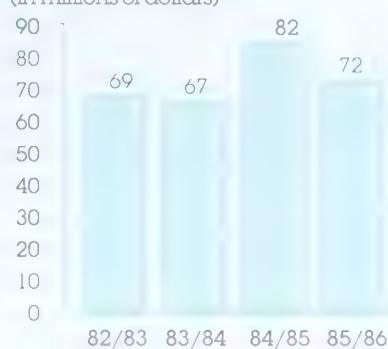
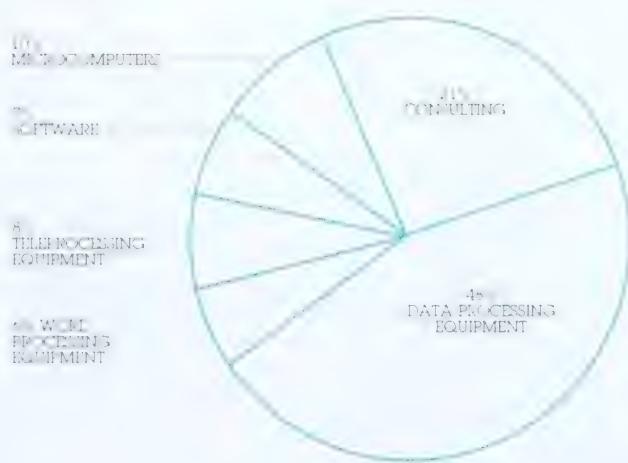


Figure 26

Contracted Services
Types of Contracts: 1985/86



- Enhancements to standard terms and conditions for contracts with major EDP hardware suppliers.
- Revision of the vendor source management system to enable more precise identification of vendors within specialized categories.
- Initiation of meetings with major software suppliers to obtain extended copyrights on software for microcomputer users in the government.
- Establishment of standing offer agreements to accommodate widely used microcomputer software.

Air Transportation Branch

The Air Transportation Branch operates 12 aircraft, six fixed-wing and six rotary-wing. The branch also arranges for chartered aircraft on behalf of the government.

During the reporting period, government-owned aircraft met 24% of flight needs. Private sector aircraft provided the other 76%. Comparative percentages in the previous year were 21 and 79. The level of use of government-owned aircraft is not expected to rise further in the future. The private sector will continue to be contracted wherever possible.

The branch's single-engine helicopter (rotary-wing) fleet is operated and maintained through contractual arrangements. Also, the operation and maintenance of the first two of the province's CL215 water bombers will be by contract. These two aircraft were acquired through a cooperative purchase arrangement with the federal government. Two more water bombers will be delivered in 1988; they will be operated through the private sector.

In addition to the CL215s, a deHavilland Dash-8 was brought into service. This replaces the fleet's DC-3, which will be retired. The primary role of the CL215s and the Dash-8 will be to support the fire-fighting role of the Alberta Forest Service.

The year's goals continued to stress productivity and safety. In this context, emphasis was placed on training for flight crews and engineers, and on refresher courses. Meanwhile, flight planning has been automated, to complement the automation in existence for aircraft maintenance records, inventory control, and flight statistics.

Figure 27 in this report presents a five-year comparison of flight hours undertaken by the branch's fleet of aircraft.

Figure 27

Air Transportation Flight Hours
Number of Flight Hours



APPENDICES

1. Capital Development
Consultants Commissioned 40
2. Contracts Awarded 44
3. Contracts Completed 58

Capital Development Consultants Commissioned

Appendix 1

Prime Consultants Architects/ Engineers

AME Engineering Ltd.
Andruko, R., Architect Ltd.
Angus Butler Engineering Ltd.
Atkins, Gordon & Associates Architects Ltd.
Barrett & Johnson Architects Ltd.
Bell Spotowski Architects Ltd.
Bellingham, S.L., Associates Ltd.
Bond & Mogridge Architects Ltd.
Boucock, Bill, Partnership
Bouey, Bouey & Partners, Architects
Bredo, Burgess, Architect Ltd.
Brisbin Gates Engineering Consultants
Briskie, Robert, Architect Ltd.
Burgener Gallant Lachapelle Architects
Burrows & Lau Architects
CH2M Hill Canada
Campbell Woodall Associates Consulting Engineers
Carson-McCulloch Associates Ltd.
Cheriton Engineering Ltd.
Clark James Coupland Architects Inc.
Cohos Evamy Partnership (The)
Colt Engineering Corporation Consulting Engineers
Cook Culham Montgomery Pedersen & Valentine,
Architects & Engineers
Cunningham, Cory, Architect Ltd.
DeLCan Deleuw Cather Western Ltd.
Dejneka, Gene, Architect
Dejneka, Nichol, Architect
Donnelly Architects Ltd.
Dub, Gene, Architect Ltd.
Dupuis & Tardif Architects Ltd.
Edwards, W. Brian, Architect Ltd.
Eldred Barr Architects, Planners & Interior
Designers
Fairbairn & Ziola Architects
Fairbairn Brinsmead Ziola Architects
Field, Field & Field Architects and Engineers
Forbes Lord Feldberg Schmidt & Croll, Architects
& Engineers
Forseth, Gerald, Architect Ltd.
Fraser, Alan
Frost, Garry C., Architect Ltd.
Garrick Sivertson Architects
Gerbitz, Niels P., Architect
Goodfellow, R.J., Architects Ltd.
Graham, John, Architect & Engineers Ltd.
Haight, Derek P., Architect Ltd.
Hames & Baran Architects
Hartman Company (The)
Hartwig, Terry, Architect Ltd.
Hasegawa & Associates Ltd.
Henderson, G.T., Engineering Consultants Ltd
Hnidan, William, Architect Ltd.

Holland Cummins Partnership, Architects
& Planners
Holman, Frank T., Architect Ltd.
Hutchinson, Ken, Architect Ltd.
Hutton, Anthony T., Architects (1983) Ltd
Illmayer, J.A., Consulting Engineers Ltd.
Iu, Stephen, Architects Ltd.
Johns, Barry, Architect Ltd.
Kan, James, Architect Ltd
Kassian Architect
Kasten Eadie Engineering Ltd.
Keen Engineering Co. Ltd.
Klingbell, L.C., Architect
Konig, Hans, Architect
Kroening, Greg, Consultants Ltd.
Laird Polson & Associates Architects Ltd.
Lamb McManus Associates Ltd.
Lambur Scott Architects Ltd.
LeBlond Partnership, Architects & Planners (The)
Lemermeyer Architect Ltd.
Lukay Rese arch & Development Ltd.
MB Engineering Ltd.
MacDonald, John A., Architect Ltd.
Maltby & Prins Architects
Matthews, J.A., Architect Ltd.
McCutcheon Engineering Ltd.
McConnell, Douglas, Architect Ltd.
McIntosh Workun & Chernenko Architects Ltd.
McKeown, Les, Architect Ltd
McMillan, Hugh, Architect Ltd
Milton, Gary, Architect Ltd.
Mulligan, J.M., & Associates Ltd.
Paley, Robert, Architects Ltd.
Patsula Architect Ltd.
Pendergast, Barry, Architect Ltd.
Peter, David M., Architect Ltd.
Powley, Kenneth R., Architect Ltd.
Quinn, Sheldon, Architect Ltd
Raines Finlayson Barrett & Partners, Architects,
Engineers & Interior Designers
Read Jones
Christoffersen Ltd.
Reid Crowther & Partners Ltd.
Roberts, R.R., Architect Ltd.
Robins, Watson, Baunton Architects and Engineers
Rockliff, John, Architect Ltd.
Rose Dagg Steffko Architects
Rose, J.W., Architect Ltd.
Rule, John D., Architect Ltd.
Russell and Baird Architects Ltd
Saunder, R., Architect Ltd.
Saunders Gooch Architects
Schaeffer, D.E., Architect Ltd
Simpson Lester Goodrich Partnership
Sinclair & Naito Architects Limited
Snow, Don M., Architect Ltd
Solony, O., Architect Ltd

Spencer, R.A., Architect Ltd.
Stebnicki Cassie & Associates Ltd.
Steinbrenner Consultants Ltd.
Stephens Kozak Architects Ltd.
Sturgess Partnership Architects & Urban
Designers (The)
Swinton Architects Ltd.
Tan & Associates Engineering Ltd.
Techord Consulting Group Ltd. — Calgary
Tse, C.W., Architects Ltd.
Vaitkunas Jamieson Architects
Vanderwell, Richard J., Architect Ltd.
Vinto Engineering Ltd.
Weed Lobo Architects Ltd.
Wiebe Forest Group Ltd.
Wilson, Roy, Architect Ltd.
Winkelaar Howard & Associates Ltd.
Wolley-Dod & MacCrimmon Surveys Ltd.
Wood & Gardener Architects Ltd.
Woolfenden Group Architects Ltd.
Wright, Norman A., Architect Ltd.
Wright, Wayne, H., Lemermeyer Architect Ltd.
Wright, Wayne, H., Architects
Wyness Architect Ltd.

Subconsultants/Electrical Engineers

AME Engineering Ltd.
Anderson Engineering Ltd.
Bromley Walls & Associates Consulting
Engineering Ltd.
Cassie, G.J. & Associates Ltd.
Cheriton Engineering Ltd.
Coordinated Engineering Ltd.
Field, Field & Field Architects and Engineers
Grice Nash Williams Engineering Ltd.
Hasegawa & Associates Ltd.
Henderson, G.T., Engineering Consultants Ltd.
Jarvis Engineering Ltd.
Kasten Eadie Engineering Ltd.
Lamb McManus Associates Ltd.
Lukay Research & Development Ltd.
M.K. Engineering Ltd.
Prospect Consulting Engineering Ltd.
Reid Crowther & Partners Ltd.
Robins, Watson, Baunton Architects and Engineers
Ryland, Ron R., Professional Engineer Ltd.
Safronek, Pomeroy & Associates Ltd.
Saskmont Engineering Ltd.
Stebnicki Cassie & Associates
Stebnicki, G.F., & Associates
Steinbrenner Consultants Ltd.
T.W.S. Engineering Ltd.
Tan & Associates Engineering Ltd.
Udeck Designs Ltd.
Wasnea & Associates Engineering Ltd.
Wiebe Forest Group Ltd.
Winkelaar Howard & Associates Ltd.

Subconsultants/Mechanical Engineers

A.D. Williams Engineering Ltd.
Angus Butler Engineering (1980) Ltd.
Bacz Engineering Ltd.
Chabot Engineering Ltd.
Field, Field & Field Architects and Engineers
Hasegawa & Associates Ltd.
Henderson, J.D., Engineering Ltd.
Jo-Tech Consulting Ltd.
Kasten Eadie Engineering Ltd.
Keen Engineering Co. Ltd.
Kroening Consultants Ltd.
Lamb McManus Associates Ltd.
Latiff Ellard & Willson Engineering Ltd.
Lukay Research & Development Ltd.
M.C.W. Consultants Ltd.
Mull-T Concepts Ltd.
Robins, Watson, Baunton Architects & Engineers
Roemer Engineering Ltd.
Safronek, Pomeroy & Associates Ltd.
Saskmont Engineering Co. Ltd.
Steinbrenner Consultants Ltd.
Suncord Engineering Ltd.
Sunton Engineering Ltd.
Tan & Associates Engineering Ltd.
Vinto Engineering Ltd.
Wasnea & Associates Ltd.
Wasnea, Allen, & Partners Ltd.
Wiebe Forest Group Ltd.
Yewchuk Engineering Co. Ltd.
Yiu, Paul, Consulting Ltd.

Subconsultants/Structural Engineers

Alexander B., & Associates Ltd.
Bobrowski, Jan, Associates Ltd.
Brooker, B.W. Engineering Ltd.
Campbell Woodall & Associates Consulting
Engineers Ltd.
Cook Culham Montgomery Pedersen & Valentine,
Architects & Engineers
Cosentino & Partners Ltd.
Crosier Kilgour & Partners Ltd.
Duthie Newby Weber & Associates Ltd.
Engineers Collaborative (The)
Forbes Lord Feldberg Schmidt & Croll, Architects
& Engineers
G.S. Engineering Ltd.
Graham, John, Architects & Engineers Ltd.
H.M.B. Consulting Engineers
Hasegawa & Associates Ltd.
Illmayer, J.A., Consulting Engineers Ltd.
Jokinen, Eric P., & Associates Ltd.
Kasten Eadie Engineering Ltd.
LMS Engineering Ltd.
Lamb McManus Associates Ltd.

Liland Engineering
Lukay Research & Development Ltd.
M B. Engineering Ltd.
MacDonald Campbell Consulting Engineering Ltd.
Mid Canada Consulting Group Ltd.
Read Jones Christoffersen Ltd.
Reid Crowther Partners Ltd.
Rensaa, Arthur J., Engineering
Robins, Watson, Baunton Architects and Engineers
Saskmont Engineering Co. Ltd.
Simpson Lester Goodrich Partnership
Snihur Consulting Ltd.
Stanley Associates Engineering Ltd.
Stanley Ragan Engineering Collaborative Ltd.

Cost Consultants

8th Dimension Group
Barnett Treharne Yates Ltd.
BNP Construction Consultants Ltd.
Both Belle Robb Limited
CDM Consultants Limited
Chopra Associates
Costplan Management Ltd.
Hanscomb Consultants Inc.
Helyar & Associates
Miller, Ian, Construction Projects Ltd.
Inter-Cost Consulting Group Ltd.
Louden, A.W.
PCM Construction Control Consultants Ltd.
Walsh, Denis & Associates Ltd.
Woodcliff Construction Consultants Ltd.

Geotechnical Consultants

BBT Geotechnical Consultants Ltd.
Curtis Engineering & Testing Ltd.
EBA Engineering Consultants Ltd.
Geocon Ltd.
Golder Associates (Western) Ltd.
Hardy Associates (1978) Ltd.
Hoggan Engineering & Testing (1980) Ltd.
Klohn Leonoff Consultants Ltd.
Paine, J.R., & Associates Ltd.
Shelby Engineering Ltd.
Smith, J.A., & Associates Ltd.
Thurber Consultants Ltd.

Interior Design Consultants

Bilinske, Karen, Interior Design Consultants
Business Interiors Ltd.
Englund Kimenius Design Associates
Interplan Interior Designers
Lupul, Barbara, Consultants
Noyce, Doug, & Associates Interior Design Ltd
Rhodes, Timothy, Interior Design Ltd.
Romano, Yvonne, Consultants Ltd.
Tavender and Associates Interior Design
Consultants Ltd.

Landscape Architects

Butler Krebes Associates Ltd.
Butler Krebes Lewis Associates Ltd.
Carson McCulloch & Associates Ltd.
Dodds, Brian, & Associates Ltd.
EDA Collaborative Inc.
Earthscape Consultants
Kipen Gibbs Landscape Architect Ltd.
Landplan Associates Ltd.
Lombard North Group Ltd. (The)
Novak, Leonard, Landscape Architect Ltd.
Ross, K.R., Landscape Architect
Walters, Douglas, Landscape Architect Ltd

Materials Testing Consultants

BBT Geotechnical Consultants Ltd.
Curtis Engineering
EBA Engineering Consultants Ltd.
Geocon Inc.
Golder Associates
Hardy Associates (1978) Ltd.
Hoggan Engineering & Testing (1980) Ltd.
Klohn Leonoff Engineering
Paine, J.R., & Associates Ltd.
Shelby Engineering Ltd.
Smith, J.A., Associates Ltd.
Thurber Consultants Ltd.
UMA Engineering Ltd.

Municipal Engineers

Associated Engineering Alberta Ltd
Bow Valley Consulting Group
Butler Krebes Lewis Associates Ltd.
CEP Consultants (1985) Ltd.
DeLCan Deleuw Cather Western Ltd

Franci, W.J., Consulting Ltd.
PYD Engineering Ltd.
Stanley Associates Engineering Ltd.
Thierman and Associates Ltd.
Tritek Engineering Ltd.
UMA Engineering Ltd.

Programming Consultants

Advance Planning & Research for Architecture
Cornerstone Planning Group Limited
Resources Management Consultants (Alberta) Ltd.
Resource Planning Group Alberta Ltd.

Special Consultants

A.V.A. Engineering Ltd.
Addison, Leonard J.
Allen, Warren E., & Associates Ltd.
Associated Corrosion Consultants Ltd.
Artec Consultants Inc.
Bearspaw Drafting
Canadian Mountain Planning & Management Ltd.
Cantrend Hospitality Management Inc.
Civcom Consulting Services Ltd.
de Krasinski, Dr. Joseph, P. Eng.
Ecosign Mountain Recreation Planners Ltd.
Environmental Management Associates
Group Delta
Henderson, J.D., Engineering Ltd.
Land Tec Graphics
Laventhal & Horwath Management Consultants
Lexicon International Management & Marketing
Limited
Matrix International Marketing and
Management Ltd.
May, R.M., Drafting Services Ltd.
Menzies, Douglas, & Associates Ltd.
Morstead Consulting Ltd.
Muller, Keith, Ltd.
P.C.P. Lighting Consultants Ltd.
Pickering, H.K.
Stewart, Weir, Land Data Inc.
Sullivan, Patrick, A.I.A.
Taylor, R. Associates Ltd.
3D-N Engineering Services Ltd.
Whistler Mountain Ski Corporation
White, Clifford
Wilks Associates

Video Pipe Inspection Consultants

I.S. Inspection Services Ltd.
In-Line Pipe Inspections Ltd.
Thuro Services (Western) Ltd.
Video Inspection Services

Underwater Inspection Consultants

Cantin's Pressure Service Ltd.

Surveyors

Batallas, Oswaldo
Bemoco Engineering & Associates Ltd.
Brown, Okamura & Associates Ltd.
Butler Krebes Lewis Associates Ltd.
Cam-Alta Surveys Ltd.
Cameron Christianson
Can-Am Surveys Ltd.
CEP Consultants (1985) Ltd.
Challenger Surveys & Services Ltd.
Control Land Surveys (1983) Ltd.
Coordinate Surveys Ltd.
Drake, K.B., Alberta Land Surveyor
FYN Engineering Ltd.
Halma & Associates Ltd.
Hamilton & Olsen Surveys Ltd.
Harland & Higgins Land Surveyors
High Country Surveys
L & L Technical Services Ltd.
Maltais Associates Surveyors Ltd.
Martin & Company
McWilliams Surveys Ltd.
Midwest Surveys & Services Ltd.
Nesco Consulting Ltd.
Noga, Ivo
Northpoint Land Surveying & Engineering
(High Prairie) Ltd.
Northpoint Land Surveying & Engineering Ltd.
Phoenix Group (The)
Rachynski Land Surveys Ltd.
Snell & Oslund Surveys (1979) Ltd.
Stanley Associates Engineering Ltd.
Stewart, Weir & Co.
Stuart Enzineering & Surveying Ltd.
UMA Engineering Ltd.
Walker, Newby & Associates Ltd.
Watt, D.A., Consulting Group Ltd.
Yellowhead Survey & Associated Services Ltd.

Hydrogeological Consultants

Kamac Consultants Ltd.

Capital Development Contracts Awarded

Appendix 2

Location – Project General Contractor	Date of Award	Amount		
Airdrie				
Off-site Service Charges — Various Transportation Shops				
Sonnor Excavating Ltd.	86-02-05	56,618.00		
Allison Creek				
Brood Trout Farm, Modifications for Recycle Operations — Groundwater Camfield Drilling Services Ltd.	86-02-14	17,975.00		
Brood Trout Farm, Modifications for Recycle Operations — Water Line Lockerbie Management Ltd.	86-01-08	28,881.00		
Brood Trout Farm, Sand Filter Repairs				
A. Wakaluk Welding Ltd.	85-06-27	84,965.00		
Alsike				
Minimum Security Correctional Camp, Phase II Upgrading				
Shir-Bud Construction Ltd.	85-08-09	104,797.00		
Ardmore				
Alberta Opportunity Corps Vocational Training Centre				
Alliance Construction Ltd.	85-06-12	598,800.00		
Assumption (Chateh, Alta.)				
Provincial Court				
Klondike Construction Ltd.	86-02-05	198,625.60		
Barrhead				
Alberta Correspondence School, Renovations to Graphics Area				
Barr Construction (1974) Ltd.	85-12-18	27,080.00		
Alberta Correspondence School, Renovations to Computer Room				
Barr Construction (1974) Ltd.	85-05-23	31,428.00		
Blairmore				
Fish & Wildlife District Warehouse (Installation of Snow Fencing)				
Tamaki Fencing Service	85-12-13	2,634.00		
Forest Headquarters, Jet B Fuel System Upgrading				
Getkate Construction (1976) Ltd.				
	85-08-29	39,750.00		
Bonnyville				
Indian Metis Rehabilitation Centre, Renovations to Kitchen & Cafeteria Area				
Alliance Construction Ltd.	85-04-03	93,962.00		
Brooks				
Alberta Horticultural Research Centre (Research Plot Development — Trails) Viggo Hansen Construction Co. Ltd.				
	86-03-26	154,363.00		
Alberta Horticultural Research Centre (Research Plot Development — Trails) Appollo Landscaping Services				
	85-10-21	23,223.00		
Palaeontology Field Station (Miscellaneous Site Services) Brooks Asphalt & Aggregate Ltd.				
	85-10-03	41,330.00		
Palaeontology Field Station (Miscellaneous Site Services) Goodison Water Well Drilling				
	85-10-24	8,540.00		
Palaeontology Field Station Project Sign Taylor Signs Ltd.				
	86-01-14	760.00		
Transportation Depot (Site Report) M & M Drilling Co. Ltd.				
	85-09-25	3,732.00		
Calgary				
AADAC Renfrew Recovery Centre, Renovations & Improvement — Various				
Centrum Interiors Ltd.	86-01-20	3,556.00		
Alberta Vocational Centre, Improvements to Perimeter Ventilation				
Arpi's Holdings Ltd.	86-03-25	54,369.00		
Relocation of Monitoring Station, Bonnybrook (Department of Environment)				
Big Island Ltd.	85-11-28	9,418.00		

Bow Crow Forest			Energy Resources		
Headquarters, Jet B Fuel			Research Centre,		
System Upgrading			Installation of New		
Don Davis & Sons Petro.			Heating Water Boilers		
Services Ltd.	85-09-06	24,616.00	Arpi's Industries Ltd.	85-05-23	12,236.00
Bow Crow Forest,			ERCB Building, Millwork		
Carpentry Shop, Dust			Modifications		
Collector, Paint Storage			Unitrade Construction		
Teacon Developments Ltd.	85-07-22	33,900.00	& Mfg. Ltd.	85-12-20	9,250.00
Bowlen Bldg., Attorney			ERCB, Upgrading of		
General, Family & Youth			Mechanical Systems		
Courts, Phase 3			Quasar Mechanical Ltd.	86-02-26	129,930.00
LT Interior & Drywall Ltd.	86-01-28	273,881.00	Group Homes for the		
Bowlen Bldg., External			Dependent Handicapped		
Retrofit, Phase 2,			— Various Locations		
Mechanical Conversion			Kaland Construction Ltd.	85-05-30	1,199,000.00
Reggin Industries Ltd.	85-08-22	52,367.00	Interim Secure Custody		
Bowlen Bldg., External			Facilities		
Wall Retrofit, Phase 1,			(Young Offenders Act),		
Masonry Retrofit			(Midway Correctional		
Pockar Bros. Masonry Ltd.	85-08-22	1,097,478.00	Camp — Calgary)		
Bowlen Bldg., Family			I's Land 121932		
& Juvenile Court,			Services Ltd.	85-05-28	178,747.00
Amendment to Prisoner			J. J. Bowlen Building		
Holding Area			Parking Development		
Topaz Contracting Ltd.	85-09-27	24,900.00	Gil Hansen & Co. General		
Bowlen Bldg., Family			Contractors Ltd.	85-05-08	21,581.00
& Youth Courts, Phase II			McDougall School		
Mirtren Contractors Ltd.	85-07-12	66,598.00	— Office Bldg.		
Bowlen Bldg., Family			Renovations, Tenant		
& Youth Courts			Improvement Phase		
Mirtren Contractors Ltd.	85-04-17	120,899.00	Norda Woodwork		
Bowlen Bldg., Renovations			& Interiors Ltd.	86-03-18	984,945.00
to 5th and 7th Floor Levels			McDougall School		
Integra Contracting Ltd.	85-05-09	127,945.00	— Office Bldg.		
Bow River Correctional			Renovations, Landscaping		
Centre, Repairs and			Phase 3		
Alterations			R.W. Landmark		
Graham Construction			Construction Ltd.	86-03-05	350,250.00
& Eng. Ltd.	86-02-11	145,000.00	Medical Examiner Facility,		
Calgary Correctional			Mezzanine Cooling		
Institute, Renovations to			Reggin Industries Limited	85-12-03	47,000.00
Existing Laundry			Off-site Service Charges		
Mirtren Contractors Ltd.	85-12-18	106,559.00	(Spy Hill Correctional		
Core Research Centre,			Facilities)		
(Addition & Renovations to			Whissel Engineering Ltd.	85-11-06	424,873.00
Existing Bldg.)			Off-site Service Charges		
Teacon Developments Ltd.	85-05-28	31,525.00	— Various (Spy Hill		
Court of Queen's Bench,			Correctional Facilities)		
Renovations to Existing			WRD Borger		
Courthouse			Construction Ltd.	85-11-06	336,895.00
PCL-Maxam, A Joint			Restricted Development		
Venture	85-10-28	7,505,474.00	Area PT NE 36-24-29-W4		
Court of Queen's Bench,			York Shaw Building		
Renovations to Existing			Movers (1983) Ltd.	85-11-20	6,270.00
Courthouse, 6th Floor			Restricted Development		
PCL-Maxam, A Joint			Area PT SE 30-22-1-W5		
Venture	85-08-19	43,727.00	York Shaw Building		
			Movers (1983) Ltd.	85-11-20	3,300.00

Restricted Development Area PT SW 28-24-2-W5 Big Island Construction Ltd.	85-11-26	2,210.00	Canmore Nordic Centre Trail Contract #4 — Bridges Four Ways Construction Ltd.	85-11-14	469,260.00
Southern Alberta Jubilee Auditorium (SAJA), External Cladding Retrofit, Phase II Rocky Mountain Precast (1985) Ltd.	85-07-05	2,439,000.00	Canmore Nordic Centre Trail Access Road Geddes Contracting Co. Ltd.	85-11-06	153,020.00
SAJA, Primary Electrical Feeder Phase I, Sequential Start-Up Wilkinson Electric Company Limited	85-12-30	8,500.00	Canmore Nordic Centre Water and Sewer Network Whissell Engineering Ltd.	85-07-10	392,122.00
SAJA, Upgrade & Refurbish Barre Room & Impro. to Audio & Lighting System OMSAC Developments Ltd.	85-11-07	174,935.00	Canmore Nordic Centre Construction Signs, Phase II L & M Signs Ltd.	86-01-30	8,246.00
Young Offender Centre (On-site Collection System) ECE Construction (1983) Ltd.	85-11-12	278,785.00	Canmore Nordic Centre On-site Electrical Distribution System Ace Construction Company Ltd.	85-10-18	868,551.00
Calling Lake Alberta Opportunity Corps (Relocate Classroom from Coronation) Big Island Construction Ltd.	85-08-15	11,300.00	Canmore Nordic Centre Water Reservoir and Booster Pumphouse Thor Construction (1985) Ltd.	85-10-18	121,455.00
Alberta Opportunity Corps (Site Services for Portable Classroom) Lloyd's & Frank's Backhoe Service Ltd.	85-10-17	7,224.00	Canmore Nordic Centre, Ancillary Buildings Stuart Olson Industrial Contractors	86-02-12	46,516.00
Camrose Courthouse, Renovations to Existing Court Facilities, Upgrade J & B Stone	85-11-05	14,375.00	Canmore Nordic Centre, Biathlon Range Building Gil Hansen & Co. General Contractors Ltd.	85-09-19	104,271.00
Fish & Wildlife Warehousing, Fuel Storage Shed Derryl Toews Construction Ltd.	85-12-12	18,600.00	Canmore Nordic Centre, Day Lodge Building Stuart Olson Industrial Contractors	85-08-21	864,000.00
Rosehaven Care Centre, Alterations & Renovations Main Bldg., Alternate "A" L.J.M. Contracting Ltd.	85-07-09	513,844.00	Canmore Nordic Centre, Stadium Area Grading Cana Management Ltd.	85-05-01	219,342.00
Canmore Canmore Nordic Centre Trail Contract #2 Bernie Schiesser	85-10-07	64,260.00	Canmore Nordic Centre, Access Road Upgrading Cana Management Ltd.	85-07-02	44,367.00
Canmore Nordic Centre Trail Contract #3 Geddes Contracting Co. Ltd.	85-09-04	424,590.00	Canmore Nordic Centre, Storage Garage Kapel Construction Ltd.	85-07-10	166,731.00
			Canmore Nordic Centre, Team Waxing Rooms Gardon Construction Ltd	85-07-10	264,624.00
			Travel Information Centre Gardon Construction Ltd.	85-07-25	961,446.90
			Travel Information Centre, Interior Display System Associates Displayed Services Ltd.	86-03-13	18,114.92
			Cardston Provincial Court, Secure Interview Area G.L. Schaffer & Sons Construction	85-06-19	10,673.00

Caroline			Cypress Hills		
Raven Brood Trout Station (Fence Upgrading)			Amphitheatre Projection		
J.T. Setters & Sons			Screen & Marina		
Construction Ltd.	86-02-17	20,152.00	Concession Ventilation		
Claresholm			K.P. Manufacturers		
Care Centre, Lift Station			(Lethbridge) Ltd.	85-10-10	7,900.00
Replacement					
Charter Construction Ltd.	86-03-19	169,000.00	Cypress Hills Provincial		
Care Centre, (Misc. Demolition Projects			Park (Tree Replacement-		
— Various)			Landscape Development)		
Cleveland Wrecking			Alpha Better		
Company	86-02-24	72,313.00	Landscaping Ltd.	85-09-09	21,465.00
Care Centre, Replacement			Cypress Hills Provincial		
of Deteriorated Freezers			Park (Water Supply		
and Fridges			— Manganese Problem)		
Teacon Developments Ltd.	85-06-06	284,700.00	Quinn Construction Ltd.	85-10-31	5,369.00
Renov. to Former ALCB			Devon		
Store & Alter. to Existing			Coal Research Centre		
McLean Hall			(Sidewalk Repair)		
Dupont Interior			Automated Concrete Ltd.	85-08-01	7,182.00
Construction Ltd.	85-11-10	67,393.00	Coal Research Centre		
Cochrane			(Landscape Development)		
Fish & Wildlife District			Economy Landscape		
Warehousing, Various			Contractors Ltd.	85-08-27	11,330.00
— Upgrade Fuel			Coal Research Centre,		
Storage Shed			Modifications to Utilities		
R.M.L. Custom			Superline Excavation Ltd.	85-10-07	7,742.00
Builders Ltd.	86-03-18	20,830.00	Coal Research Centre,		
Cold Lake			Field Research Building		
Fish Hatchery, Contract			Clark-Bowler Construction	86-02-05	168,299.00
#2, Hatchery Facilities			Coal Research Centre,		
& Related Work			High Head Laboratory,		
A.V. Carlson			Ventilated Work Area		
Constructors Ltd.	85-04-11	7,244,497.00	Kasten Eadie		
Crossfield			Engineering Ltd.		
ALCB Store			Eden Construction Ltd.	85-10-17	528,820.00
Gil Hansen & Co. General			Landscape Irrigation		
Contractors	85-11-08	294,107.00	(Coal Research Centre		
Crowsnest Pass			— Devon)		
Frank Slide Interpretive			Green Thumb		
Centre, Access Road			Irrigation Ltd.	85-08-08	13,341.00
Guard Rail			Drumheller		
Norse Construction Ltd.	85-06-24	1,866.00	Courthouse, Legal		
Frank Slide Interpretive			Reference Library		
Centre, Entrance Road			Alterations		
Handrail			Golden Oaks Carpentry	85-05-28	20,000.00
Wesbridge			Transportation Depot, New		
Construction Ltd.	85-04-16	7,100.00	Salt Shed and Related		
Leitch Collieries			Greene Construction		
Interpretive Centre, Roof			(1981) Ltd.	85-07-19	107,320.00
Drainage, Staging Area			Tyrrell Museum of		
Wesbridge			Palaeontology, Midland		
Construction Ltd.	85-05-28	3,100.00	Provincial Park		
Mine Manager's Residence			Top Line Construction Ltd.	85-06-19	116,502.00
Stabilization			Tyrrell Museum of		
316737 Alberta Ltd.	85-07-18	23,850.00	Palaeontology, Contract		
			#12, Display Lighting		
			Controls		
			Concept Electrical		
			Management Ltd.	85-05-30	172,700.00

Tyrrell Museum of Palaeontology, Safety Rails to Palaeoconservatory	Reggin Industries Limited	86-01-21	7,399.00	A.R.C., Contract #18, Mechanical Outfitting Program		
Tyrrell Museum of Palaeontology, Signage Panels (Graphia)	J.K. Campbell & Associates Ltd.	85-08-16	17,799.00	Lockerbie Management Ltd.	86-03-18	339,900.00
Edmonton				Alberta School for the Deaf, Code Upgrading (Handicap Washroom Renovations)		
ALCB Store, Calligwood PCL — Maxam A Joint Venture		85-11-07	633,600.00	Eden Construction Ltd.	86-02-28	462,794.00
ALCB Store (Beverly)	A.J.H. Construction Management Ltd.	85-10-08	778,000.00	Alberta School for the Deaf, Electrical Switch Gear Renovations 1985		
Alberta Research Council (A.R.C.), Contract #13, (Millwoods), Phase I, Electronics Test Centre	Gamwil Contracting Ltd.	85-05-08	596,225.00	Tri-Pro Electric Ltd.	86-03-19	276,467.00
A.R.C., Contract #14, New Facilities (Millwoods) Phase I, Interior Finishes	Rescom Construction Ltd.	85-05-30	586,384.00	Alberta School for the Deaf, Renovations For Code Upgrading		
A.R.C., Contract #16, Phase I, New Administration & Laboratory Bldgs.	Kewaunee Scientific Equip. Canada Ltd.	85-12-11	1,240,263.00	Eden Construction Ltd.	85-10-22	246,630.00
Alberta Vocational Centre, Ventilation to Basement Print Room & 8th Floor Labs	P.D.Q. Mechanical Ltd.	86-01-27	37,255.00	Alberta Tree Nursery Drainage Improvements Ras-Dam		
AADAC Recovery Centre, Interior Alterations	H & S Business Enterprises Ltd.	86-03-10	67,935.00	Construction Ltd.	85-10-03	69,814.00
Alberta Block, General Upgrading, and Installation of Smoke Detectors	Royal Oak Contracting Ltd.	86-02-25	15,318.00	Alberta Tree Nursery & Horticulture Centre (Arboretum Fencing)		
Alberta Forest Service Depot (Sidewalk Construction)	D & H Concrete Services Ltd.	85-11-14	6,276.00	Phoenix Fence Co. Ltd.	85-10-17	5,267.00
Alberta Forest Service Depot, Mechanical Upgrading for Garage & Equip. Dev.	Delnor Construction Ltd.	86-03-05	73,791.00	Alberta Tree Nursery, Administration Office Building		
Alberta Forest Service Depot, Office Renovations (2nd Floor)	Delnor Construction Ltd.	86-03-03	59,568.00	Steve Ferenc Construction Ltd.	85-07-25	326,305.00
				Alberta Tree Nursery, Fire Alarm System		
				Kajola Electrical Contractors Inc.	85-10-25	29,990.00
				Alberta Tree Nursery, Lath House		
				Pentagon Building Corporation Ltd.	85-10-22	289,500.00
				Alberta Tree Nursery, Phase III, Chemical Storage Bldg. Plus Office Space		
				R.W.K. Construction Co. Ltd	85-10-29	167,000.00
				Alberta Public Works, Supply & Services Building, U. of A Farmsite, Addition of Plate		
				Heat Exchanger		
				New & March Mechanical Ltd.	85-08-16	43,500.00
				Beaver House, Upgrading for Safety and Handicapped Access		
				Papirnik Construction Ltd	85-12-31	45,442.00
				Blood Transfusion Service Building, Additional Exhaust Fan Work		
				PCL — Maxam A Joint Venture	85-11-13	15,595.00

Blood Transfusion Service Building, Freezer Annunciation Panel & Associated Equip.			Law Courts Addition, Phase VI Cafeteria, Cafeteria Table Tops Coveco		
MCC Powers	86-01-03	28,845.00	Manufacturing Ltd.	85-11-13	20,098.00
City View Group Home, Washroom Alterations	85-05-07	6,756.88	Law Courts Addition, Phase VI, Cafeteria Completion	Ericstad Construction Ltd.	85-06-12 706,400.00
Buy-Rite Services			Law Courts Addition, Phase VI, Contract B		
Correctional Centre, New Fence and Access Lane Paving	85-09-18	33,905.00	Pentagon Building Corporation Ltd.	85-10-09	1,139,850.00
O'Hanlon Paving Ltd.			Law Courts Addition, Phase VI, Contract D		
Correctional Centre, Security Upgrading, Elevator Modifications	85-08-02	69,950.00	Pentagon Building Corporation Ltd.	85-10-09	2,000,000.00
Dover Corporation (Canada) Ltd.			Law Courts Addition, Phase VI, Sheriff's Office		
Correctional Centre, Security Upgrading, Intrusion Detection System	85-07-26	43,280.00	Delnor Construction Ltd.	85-07-03	56,652.00
Jactar Electric Ltd.			Law Courts, Mechanical Upgrade (Chiller)		
Delton Group Home, Washroom Alterations	85-05-07	11,244.38	Trane Canada Inc.		
Buy-Rite Services			— Edmonton	86-03-14	99,155.00
Eric Cormack Centre, Upgrade Mech. System (Replacement of Existing Windows)			Legislature Grounds, South Parkade Traffic Topping		
Aacro Building Products Ltd.	85-04-16	86,036.00	Desco Coatings of Alberta Ltd.	85-08-21	161,299.00
Fish & Wildlife District Warehousing, Various Add. District Requirements			McLeod Building, Renovations to Upper Roof		
Elwood Construction Ltd.	86-03-19	59,348.00	Eden Construction Ltd.	85-10-18	126,898.00
Fish & Wildlife Division — Lambton Park Warehouse Site Improvements			Miscellaneous Demolition Projects (Lambton Park		
Standard General Construction Ltd.	85-09-18	124,619.00	— Edmonton)		
Government Complex, University Farm Area Site Development and Landscaping			McColman & Sons Demolition Ltd.	85-12-02	1,294.00
Sherylbroom Landscape Contractors Ltd.	85-05-14	2,720.00	Multi-department Office Building, 97 Street, Signs		
Hilltop House, Small Basement Storage Facility			EEC Industries Ltd.	85-08-06	84,241.00
Delnor Construction Ltd.	85-11-06	11,513.00	Northern Alberta Jubilee Auditorium (NAJA), External Cladding Retrofit, Phase II		
Interim Secure Custody (Young Offenders Act), Receiving & Detention Centre, Various			Supercrete, A Div. of Canfarge Ltd.	85-07-05	2,451,743.00
LJM Contracting Ltd.	85-08-02	32,781.00	NAJA, Heating Ventilation & Air Conditioning, Sound Lighting Control		
Law Courts Addition, Phase V, 6th Floor Washroom Door Relocations			Delnor Construction Ltd.	85-07-10	4,401.00
Saval Developments Ltd.	85-06-10	1,350.00	NAJA, Upgrade & Refurbish Barre Room, VIP Lounge & Front Box Office		
			A.V. Carlson Constructors Ltd.	85-10-29	193,977.00
			O.S. Longman Building, Emergency Generator		
			R. Angus Alberta Limited	86-03-12	266,660.00
			O.S. Longman Building, Mechanical Risers		
			Eden Construction Ltd.	86-02-10	669,676.00

Office Bldg. U. of A. Farm Site, Additional Air Handling Unit, Computer Rm. Jewell-Dunseath Plumbing & Heating	85-05-16	31,346.00	Surplus Sales Centre, Interior Renovations Alps Construction Ltd.	86-02-21	8,756.00
Office Building, Multi-department, Tenant Layouts (8th Floors) Danwood Interiors Ltd.	85-04-11	138,900.00	Transportation Building, Site Landscaping Stuart Olson Contractors Ltd.	85-07-25	518,300.00
Office Building, Multi-department, Vertical Blinds Vertican (Western) Inc.	85-05-07	136,182.85	Westfield Centre, Diagnostic Unit #1, Security Upgrading Danwood Interiors Ltd.	86-01-10	34,498.00
Office Building, Multi-department, 97 Street (9th Floor Renovations) Danwood Interiors Ltd.	85-06-13	26,633.00	Westfield Centre, Diagnostic Unit #2, Renovations — Miscellaneous Work Trinity Woodworks & Construction Ltd.	85-06-03	10,826.00
Old St. Stephen's College, Renovations to 3rd Floor, North & South Wings H & S Business Enterprises Ltd.	85-09-12	118,771.00	Westfield Centre, Renovations to Pineview Home Vogue Contracting Ltd.	86-02-28	21,855.00
Provincial Museum of Alberta, Walkway Replacement, Temporary Handrails Fort Ornamental Iron Works Ltd.	86-03-24	1,383.00	Yellowhead Centre (Security Upgrading, Contract #1) Danwood Interiors Ltd.	85-10-02	94,418.00
Rescue Training School, Renovations A.V. Carlson Constructors Ltd.	85-07-24	1,739,747.00	Yellowhead Centre (Security Upgrading, Basement) Danwood Interiors Ltd.	86-02-26	5,820.00
Restricted Development Area (Demolition & Removal) Twin City Excavating Ltd.	85-10-21	12,420.00	Youth Development Centre (Young Offenders Act), Renovations Package #7 Delnor Construction Ltd.	85-08-29	81,060.00
Restricted Development Area PT. N.E. 25-51-24-W5 (Millwoods) J. Plaizier Trucking & Excavating Ltd.	85-10-24	7,800.00	Youth Development Centre (Y.O.A.), Renovations Package #5 Jewell-Dunseath Plumbing & Heating Ltd.	85-05-24	449,752.00
Restricted Development Area PT. SW 8-52-25-W4 McColman & Sons Demolition	85-11-21	3,800.00	Youth Development Centre (Y.O.A.), Renovations Package #6, Ventilation Upgrading Jewell-Dunseath Plumbing & Heating Ltd.	86-01-20	1,217,000.00
Alberta School for the Deaf, (Sewer Replacement) Eden Construction Ltd.	86-03-18	27,730.00	Elk Island Park Vicinity Ukrainian Cultural Heritage Village, (UCHV) Main Entrance Fence and Gates, Alternate "B" Watson Tolfield (1973) Ltd.	85-08-06	35,205.00
Alberta School for the Deaf, Elevator 1984 Eden Construction Ltd.	85-06-27	288,945.00	UCHV (Historic Landscape — Site Preparation) Land Tec Landscape Contractors Ltd.	85-09-23	99,983.00
Strathcona Science Park (Parking Lot Paving) O'Hanlon Paving Ltd.	85-09-18	35,902.00	UCHV (Septic Tank Replacement) Hunka Construction Ltd	85-10-21	10,468.00
Surplus Sales Centre (Security Fencing) McLellan Supply (Alberta) Ltd.	86-01-28	5,177.00	UCHV (Modifications to Intake Facilities) Superline Excavations Ltd.	86-03-17	4,688.00

UCHV (Renovations) Crosstown Heating & Ventilating Ltd.	85-09-12	41,048.00	Driver Examination Office, Lighting Commercial Electric Co. Ltd.	85-05-24	3,494.00
Elkwater Transportation Depot New Salt Shed and Related			Interpretive Centre, Interior Signage		
Braemar Developments Ltd.	85-07-18	89,672.00	Corcom Systems Ltd.	85-07-04	5,755.00
Fort Macleod Courthouse, R.I.T.E. Station			Gleichen		
Frans Feyter Construction Ltd.	85-04-23	1,884.00	Transportation Depot New Salt Shed and Related		
Head-Smashed-In Buffalo Jump, Interpretive Centre			Braemar Developments Ltd.	85-07-18	104,819.00
Cana Management Ltd.	85-05-17	5,736,000.00	Grande Cache Contract #22, Prov. Correctional Centre Mech.		
Fort McMurray Forest Headquarters (Athabasca) Handicapped Access			Contract, Performance Testing		
Green Forest Builders Ltd.	85-07-19	36,220.00	Strathcona Mechanical Ltd.	85-05-13	25,000.00
Forest Headquarters, Jet B Fuel System Upgrading			Contract #23, Prov. Correctional Centre Elec.		
MacAlpine Construction Ltd.	85-10-10	124,685.00	Contract, Performance Testing		
Provincial Building, Energy Management Computer System — Refit (Contract #1), Supply			Newland Contracting (North) Ltd.	85-05-13	15,000.00
TransAlta Energy Systems	85-12-31	66,669.07	Provincial Correctional Centre Contract #85		
Fort Saskatchewan Contract #2, New Correctional Centre, Maintenance Building			Sherwood Park Paving Ltd.	85-05-03	476,040.00
Binder Construction Ltd.	85-11-05	1,345,247.00	Provincial Correctional Centre (Contract #85 — On-site & Off-site Paving)		
Correctional Centre, (Old) Renovations for Basic Safe Occupancy			Forestland Ready Mix	85-10-08	19,822.00
Eden Construction Ltd.	86-02-26	609,251.00	Provincial Correctional Centre, Acoustic Treatment and Related Work		
New Correctional Centre, Site Grading			C.C.S. Component Ceiling Systems Ltd.	85-12-23	30,382.00
Arthur A. Voice Construction Ltd.	85-09-11	683,890.00	Provincial Correctional Centre, Weeping Tile & Vapour Barrier		
New Correctional Centre, Contract #3 — Site Services			Alpha Plumbing & Heating Co. Ltd.	85-09-04	19,000.00
Cana Management Ltd.	85-10-29	832,270.00	Grande Prairie ALCB Store & Distribution Centre		
New Correctional Centre, Contract #6, Security Luminaires			Vanderspoel Construction Ltd.	86-03-26	1,197,084.00
Scandinavian Light (Edmonton) Ltd.	86-03-04	65,252.64	Driver Examination Office, Lighting		
New Correctional Centre, Contract #5, Security Hardware, Doors & Frames			Cookshaw Electric (1975) Ltd.	85-05-24	3,285.00
FAB Industries Ltd.	86-03-14	917,095.50	Forest Headquarters, Jet B Fuel System Upgrading		
Prov. Correctional Centre, (Old) Pneumatic Locks, Renovations for Safe Occupancy			QQR Mechanical Contracting Ltd.	85-08-16	93,527.00
FAB Industries Ltd.	85-12-16	41,810.00	Forest Headquarters, Pilot Storage Building & Water Service		
			Lavergne Construction Ltd.	85-08-22	54,833.00

Youth Assessment Centre, Roofing Upgrade and Air Leakage Investigation Standard Roofing Corporation	85-12-18	218,389.00	Kananaskis Emergency Service Building A.V. Carlson Constructors Ltd.	85-08-22	373,000.00
Youth Assessment Centre, Shop Addition, Re-tender of Deficiency Clean-up K. Shaw & Sons Contracting Ltd.	85-05-21	10,786.35	Kananaskis Country Recreation Plan, The Village At Ribbon Creek Northside Construction Ltd.	85-10-07	779,578.00
Grouard Alberta Vocational Centre, Code Upgrading, New Emergency Generator Can-Am Electric Ltd.	85-12-30	36,105.00	Kananaskis Country Recreation Plan, Regional Utilities Barjac Construction Management Ltd.	85-07-31	851,720.00
Alberta Vocational Centre, Renovations & Code Requirements Upgrade Aman Building Corporation	85-08-01	334,335.00	Kananaskis Country Recreation Plan, William Watson Lodge Phase II Canadian Environgenics Ltd.	85-08-23	7,762.40
High Level Alberta Opportunity Corps, Vocational Training Building Klein Construction Ltd.	86-02-06	1,943,549.00	Kananaskis Country Recreation Plan, The Village At Ribbon Creek Bernie Schiesser	85-10-07	42,737.50
High Prairie Provincial Building, Demolition Visco Rentals & Contractors Ltd.	85-10-18	58,700.00	The Village At Ribbon Creek (Day Lodge) Pentagon Building Corporation Ltd.	85-12-31	1,588,875.00
Transportation Depot, New Salt Shed and Related Development Agricon Steel Industries Ltd.	86-01-14	201,300.00	William Watson Lodge, Phase II (Cabins) A.V. Carlson Constructors Ltd.	85-09-26	887,300.00
Hinton Forest Technology School, Upgrading of Lecture Theatre Norwest Steel Buildings Ltd.	85-12-10	26,429.00	Keho Keho Lake Project (Relocation of Farmstead) Sonmor Excavating Ltd.	85-07-25	172,925.00
Forest Technology School, Upgrading of Lecture Theatre, Lecture Rm. Seating Allwest Institutional Furnishings	85-11-19	16,731.00	Lac La Biche Alberta Opportunity Corps (Site Services for Classrooms) Gerald's Backhoe Service Ltd.	85-04-02	7,985.00
Renovations to Existing Facilities, Various — Courthouse, Glazed Partition Tredwin Construction Ltd.	86-01-17	2,925.00	Alberta Vocational Centre (AVC), Contract #8 — Soft Landscaping O'Brien Contracting Canada	85-08-28	348,316.00
Innisfail Transportation Depot Brauntel Engineering & Construction Ltd.	86-02-18	519,260.00	AVC, 1985 Building Modifications Marshall-Lee Construction Ltd.	86-02-10	107,648.00
Judy Creek Minimum Security Correctional Camp, Upgrading of Site Services Fagnan Backhoe Ltd.	85-07-23	21,250.00	AVC, Contract #6, Child Care Training Centre (Plumbing Repairs) Schendel Plumbing & Heating Ltd.	85-06-13	31,156.32
			AVC, Contract #6, Child Care Training Centre (Painting Walls & Insulation) Fred Stabel Painting Ltd.	85-07-02	8,878.00

AVC, Contract #6, Child Care Training Centre, Freeze-up Repairs			Provincial Correctional Centre, Operational Deficiencies		
Fact Consulting Ltd.	85-06-04	23,235.00	Glen Little Construction	85-08-06	21,352.00
Beaver Lake Correctional Centre (Upgrade Sewage Disposal)			Provincial Correctional Centre, Sally Port Door		
Little Mountain Enterprises Ltd.	85-08-15	78,612.00	Ward Brothers Construction Ltd.	86-01-14	19,827.00
Regional Parks Workshop Marshall-Lee Construction Ltd.	85-10-09	2,482,380.00	Manning		
Regional Parks Workshop (Installation of Sanitary Sewer Main)			Treasury Branch, Renovations		
Little Mountain Enterprises Ltd.	85-09-17	19,635.00	Aman Building Corporation	85-11-29	147,049.00
Transportation Depot, New Salt Shed and Related Site Development			Medicine Hat		
Sentag Construction Ltd.	85-09-12	102,272.00	Courthouse (Relocate & Service)		
Treasury Branch, Renovations for Total Service			Big Island Construction Ltd.	85-05-22	31,882.00
Watson Tofield (1973) Limited	85-06-05	37,729.00	Courthouse Renovations, Judge's Dais and Six Witness Stands		
Vocational Training Centre Lasso Contracting Ltd.	85-08-22	689,707.00	Trademark Homes (Medicine Hat) Ltd.	86-02-13	48,000.00
Leduc			Remand Centre PCL-Maxam, A Joint Venture	85-06-19	11,106,922.00
Artificial Insemination (A.I.) Swine Centre, (Sanitary Sewer Connection)			Millet		
Kran Construction Ltd.	85-11-13	39,668.00	ALCB Store		
(A.I.) Swine Centre, Sherbrook Landscape Contractors Ltd.	86-03-17	12,739.00	Draginda Construction Ltd.	85-08-21	227,600.00
(A.I.) Swine Centre, (New Isolation Barn, Addition & Alterations)			Morinville		
Tarad Industries Ltd.	85-10-02	330,746.00	Provincial Building (Landscape Development)		
Food Processing Development Centre, Minor Alterations			Economy Landscape Contractors Ltd.	85-04-11	50,318.00
Thermo Design Insulation Ltd.	85-12-16	18,615.00	Renovations to Maintenance Facilities, Various, Storage Shed		
Lethbridge			Crossroads Contracting Company	85-09-12	42,927.00
Agriculture Research Centre (Paving of Access Road)			Mount Allan		
Tollestrup Construction Co. Ltd.	85-07-25	34,627.00	Nakiska Ski Area at Mount Allan (On-site Electrical Distribution System)		
Correctional Centre, Security Fire Hose Cabinets Door Pulls			Newland Contracting (South) Ltd.	85-05-03	1,141,867.00
Gillett Construction Ltd.	85-08-15	1,525.00	Nakiska Ski Area at Mount Allan, Snowmaking System		
Courthouse, Piezometer Test Pipe Capping and Venting			Kerna Construction Ltd.	85-07-10	3,449,569.00
City Plumbing (Leth) Ltd.	85-04-19	1,003.00	Nakiska Ski Area at Mount Allan, Environmental Mitigation		
			J.R. Bruce Erickson Construction Ltd.	85-05-09	7,500.00
			Nakiska Ski Area at Mount Allan, Mountain Road Upgrading		
			Samoyed Management Ltd.	85-05-08	18,300.00

Nakiska Ski Area at Mount Allan, Trail Modifications — Phase 3			Nakiska Ski Area at Mount Allan, Topsoil Mining		
Samoyed Management Ltd.	85-05-27	78,050.00	R. Bruce Erickson Construction Ltd.	85-10-08	17,087.50
Nakiska Ski Area at Mount Allan, Rock Removal			Mountainview		
J.W. McMullen & Associates Ltd.	85-05-30	28,626.25	Mountainview Regional Water System (Anthony Henday Water Plant)		
Nakiska Ski Area at Mount Allan, Mountain Road — Phase II			Border Paving Ltd.	85-10-03	68,725.00
Samoyed Management Ltd.	85-07-11	24,400.00	Nakiska		
Nakiska Ski Area at Mount Allan (Base Area — Landscaping)			Mid-Mountain Lodge Ellis-Don Management Services Ltd.	85-07-29	796,996.00
O'Brien Contracting Canada	85-10-03	167,605.00	Signage, Ski Area at Mount Allan		
Nakiska Ski Area at Mount Allan (Base Area Subsurface Drainage)			O'Brien Contracting Canada	86-02-14	180,427.45
Whissell Engineering Ltd.	85-06-14	11,785.00	Training Centre, Ski Area Development at Mount Allan		
Nakiska Ski Area at Mount Allan (Water Well)			Four-Ways Construction Ltd.	85-07-15	199,000.00
Stanley Associates Engineering Ltd.	86-03-20	37,480.00	Okotoks		
Nakiska Ski Area at Mount Allan, Downhill Ski Trail — Modifications #1			ALCB Store		
Kev-Rich Construction Ltd.	85-07-18	86,841.00	Stuart Olson Industrial Contractors Ltd.	85-06-18	507,607.00
Nakiska Ski Area at Mount Allan, Downhill Ski Trail — Modifications #2			Olds		
Kev-Rich Construction Ltd.	85-10-21	41,550.00	Group Home		
Nakiska Ski Area at Mount Allan (Substation Access Road and Pad)			Marlam Holdings (Calgary) Ltd.	86-01-14	315,945.00
Tricat Enterprises Ltd.	85-07-08	23,208.00	Onoway		
Nakiska Ski Area at Mount Allan, Base Area			Portable Classroom Facilities, Various Connecting Links		
Standard General Construction Ltd.	85-05-24	299,861.00	Papirnik Construction Ltd.	85-10-28	12,372.00
Nakiska Ski Area at Mount Allan (Ski Lift Signs)			Peace River		
Hi Signs Manufacturing Ltd.	85-10-02	3,082.00	Correctional Centre, Upgrading, Contract #1, Ventilation & Air Conditioning		
Nakiska Ski Area at Mount Allan, Asphalt Paving			Peace River Heating (1971) Ltd.	85-12-31	210,749.00
Metro Paving Ltd.	85-10-24	79,897.40	Forestry Headquarters (Yard Paving)		
Nakiska Ski Area at Mount Allan (Scoreboard Foundations)			Wapiti Gravel Suppliers	85-09-23	66,036.00
J.A. Paul Construction	85-10-02	51,488.00	Transportation Depot, New Salt Shed and Related Site Development		
Nakiska Ski Area at Mount Allan, Snowmaking System			Condor Contractors Ltd	85-11-19	118,483.25
A.V. Carlson Constructors Ltd.	85-07-10	2,017,000.00	Pincher Creek		
			Three Rivers Dam Project (Disposal of Glass Property Building)		
			AFDAHL's Excavating & Trenching	85-12-23	4,975.00
			Three Rivers Dam Project (Disposal of Lower Glacier Park Company Property Bldg.)		
			V.L.C. Holdings	86-02-18	1,843.00

Ponoka					
Fish & Wildlife Warehousing, Fuel Storage Shed Darryl Toews Construction Ltd.	85-12-12	18,174.00	Provincial Building, Cleaning Ductwork & Install Access Doors Ram-Aire Industries Ltd.	85-06-24	23,500.00
Provincial Building Upgrade Existing Parking Lot Horseshoe Paving Ltd.	85-09-06	58,836.00	Provincial Building, Soundproofing and Code and Security Alterations Shir-Bud Construction Ltd.	85-12-10	49,790.00
Red Deer					
ALCB Store (Alternate A) Osex Construction Corporation Ltd.	85-06-12	679,681.00	Rycroft		
Access Ramp for Handicapped at Bower Place — Portable Early Childhood Services Classroom Master Woodcraft	85-11-13	3,281.00	Treasury Branch, Exterior Deficiency Clean-up Lavergne Construction Ltd.	85-07-04	27,704.00
Correctional Centre Omsac Developments Limited	85-06-20	13,037,316.00	Scott Lake		
Courthouse (Old), Upgrading Timcon Construction Ltd.	86-01-06	297,557.00	Transportation Depot, New Salt Shed and Related Gil Hansen & Co. General Contractors Ltd.	85-07-18	128,447.00
Fish & Wildlife District Warehousing, Various, Upgrade Fuel Storage Shed Laebon Developments Ltd.	86-03-18	21,990.00	Slave Lake		
Michener Centre, Upgrade Resident Facilities, Ventilation System Upgrading Tarad Industries Ltd.	85-06-05	578,000.00	Alberta Opportunity Corps Building Lancet Construction Ltd.	85-12-04	1,741,934.00
Miscellaneous Demolition Projects, Disposal of Snell Residence Bettenson's Sand & Gravel Co. Limited	85-12-12	4,440.00	Forest Headquarters, Jet B Fuel System Upgrading QQR Mechanical Contracting Ltd.	85-09-06	30,138.00
Red Earth			Smoky Lake		
Provincial Court Jen-Col Construction Ltd.	86-02-05	211,122.00	Pine Ridge Forest Nursery (Replacement of Reservoir Liner)		
Rocky Mountain House			CSI Coating Systems Inc.	86-02-11	440,000.00
ALCB Store Jen-Col Construction Ltd.	86-03-25	688,288.00	Pine Ridge Forest Nursery, Greenhouse Upgrading & Glazing Replacement Frank Johkman & Sons Ltd.	86-03-27	455,000.00
Alberta Opportunity Corps Vocational Training Building LinAlta Contractors	85-09-27	718,329.00	St. Albert		
Provincial Building (Landscaping) Geneva Gardens Inc.	85-10-07	36,353.00	Poundmaker Nechi Centre, Electrical Modifications High Line Minuteman Elec. Constructors	85-05-24	29,500.00
Provincial Building (Supplementary Parking — Old Dairy Site) Border Paving Ltd.	85-10-03	44,315.00	St. Paul		
			Correctional Centre, New Gymnasium Flooring Craftsman Floors (Alta.) Ltd.	85-05-24	21,100.00
			Provincial Building (Parking Development) Car-Quells	85-08-07	49,046.00
			Stettler		
			Fish & Wildlife District Warehousing, Upgrading and Re-roofing Hayhoe Roofing (Red Deer) Ltd.	85-10-16	13,414.00
			Stony Plain		
			Transportation Depot Chandos Construction Ltd.	86-03-11	543,900.00

Strathmore Youth Development Centre, Modifications to Existing Facility			Miscellaneous Demolition Projects (Youngstown Home — Youngstown)
Kent Construction Services Ltd.	86-01-28	247 976.00	Getaway Landscaping Ltd. 85-04-17 3 386.00
Various Locations			Off-site Service Charges (Alberta Hospital — Edmonton)
Fish & Wildlife District Warehousing (Stony Plain — Fallis Cabin)	85-12-10	3,450.00	Westridge Marketing Services 85-05-28 4 710.00
Ray Silvester Enterprises			Off-site Service Charges (Alberta Hospital — Edmonton)
Fish & Wildlife District Warehousing (Stony Plain — Fallis Cabin)	86-02-05	4 145.00	Sumcon Waterproofing Ltd. 85-05-28 1 500.00
Continental Backhoe Services Ltd.			Portable Classroom Facilities
Government Buildings (Forestry Yard — Peace River)	85-04-25	91,566.00	ATCO Structures 85-07-10 263 093.00
Landscape Irrigation (Provincial Building — Wainwright)			Portable Classroom Facilities (Site Services — Millwoods Christian)
Allegro Irrigation Systems Ltd.	85-08-19	17,250.00	Ray Silvester Enterprises 85-08-14 9,246.00
Landscape Irrigation (Provincial Building — Rimbey)			Portable Classroom Facilities (Site Services — Bower Place School)
Red Deer Turf Irrigation Ltd.	85-08-22	10,793.00	Roz Con Construction Ltd 85-08-14 5 915.00
Landscape Irrigation (Courthouse — St. Albert)			Portable Classroom Facilities (Relocate Classroom from Calgary)
The Rain Man Plumbing Ltd.	85-08-02	13,538.00	Big Island Construction Ltd. 85-08-20 18,700.00
Landscape Irrigation (New Courthouse — Drumheller)			Portable Classroom Facilities (Site Services — Fort Saskatchewan)
Eljay Irrigation Ltd.	85-08-14	15,679.00	Ray Silvester Enterprises 85-09-24 20 832.00
Landscape Irrigation (Forest Headquarters — Grande Prairie)			Portable Classroom Facilities (Renovate, Relocate & Service)
AP Irrigation Systems Ltd.	85-09-18	25,056.00	Big Island Construction Ltd. 85-08-22 21,246.00
Landscape Irrigation (Law Centre Area — Edmonton)			Portable Classroom Facilities (Site Services — Youngstown School)
Green Thumb Irrigation Ltd.	85-09-27	29,340.00	Lyle Grover & Sons Construction Ltd. 85-08-22 6,500.00
Landscape Irrigation (Provincial Building — Peace River)			Renovations & Improvements, Multi- purpose Recreation Building
Allegro Irrigation Systems Ltd.	85-08-28	43,060.00	Lakeland Enterprises 85-10-07 3 779.00
Landscape Irrigation — Various (Ukrainian Cultural Heritage Village)			Renovations & Improvements (Eric Cormack Centre — Edmonton)
Foxcroft Irrigations Ltd.	85-10-03	51,068.50	Crown Paving and Engineering 85-09-04 11 912.00
Miscellaneous Demolition Projects (Lakeside Comm. Corr. Centre — Lethbridge)			Renovations & Improvements (Government Hangar — Edmonton)
Coaldale Nurseries Ltd.	85-04-17	11 040.00	Crown Paving and Engineering 85-10-17 19,124.00

Renovations & Improvements (Wood's Christian Home — Calgary)			Fish & Wildlife Warehousing, Fuel Storage Shed		
Big Island Construction Ltd.	85-05-08	6,825.00	Derryl Toews Construction Ltd.	85-12-12	17,772.00
Renovations to Maintenance Facilities, Electric Door Openers			Provincial Building (Landscape Drainage Improvements)		
Sims Garage Door Co. (1977) Ltd.	85-08-21	31,681.00	Burmat Plumbing & Heating Ltd.	85-09-13	6,340.00
Site Development (Transportation Yards — Alix & Lacombe)			Reynolds Museum, Storage Structure Phase 2		
Town & Country Paving Ltd.	85-08-15	80,677.00	R.W.K. Construction Co. Ltd.	85-06-06	952,948.00
Site Development (Transportation Yard — Vermilion)			Whitecourt		
Soldan Fence & Metals Ltd.	85-11-05	16,941.00	Forest Headquarters, Jet B Fuel System, Dust Collector & Mech. Modification		
Site Development (Transportation Yard — Camrose)			Peace River Heating (1971) Ltd.	85-07-10	76,088.00
Jubilee Construction Ltd.	85-09-04	10,608.00	Youngstown		
Vegreville			Miscellaneous Demolition Projects, Disposal of Pleasantview Home, Completion		
Alberta Environmental Centre, Laboratory Casework 1985			Gil Hansen & Co.	85-05-27	12,700.00
Tri-P Millwork & Supplies Ltd.	86-03-06	186,040.00	Vehicle Service Shop (Conference Room)		
Alberta Environmental Centre, Waste Incinerator Building			Greene Construction (1981) Ltd.	85-07-02	125,750.00
Dineen Construction Limited	85-07-18	721,196.00	In total, 362 contracts (including Site Development) were awarded in the 1985-86 fiscal year with a total tendered value of \$123,632,659.76.		
Vermilion					
Provincial Building, Sidewalk and Curb Repair					
F & S Construction	85-08-21	159,200.00			
Wabamun					
ALCB Store					
H & S Business Enterprises Ltd.	85-10-01	273,618.00			
Westlock					
Treasury Branch, Renovations for Total Service					
Delnor Construction Ltd.	85-07-05	32,262.00			
Wetaskiwin					
Court of Queen's Bench, Furniture and Spectator Benches					
Edmonton Millwork Ltd.	85-08-15	41,088.00			
Courthouse (Additional Parking — Phase I)					
Border Paving Ltd.	85-05-06	43,930.00			
Courthouse Renovations					
H & S Business Enterprises Ltd.	85-06-05	185,951.00			

Capital Development Contracts Completed

Appendix 3

Location – Project General Contractor	Acceptance Date	Total Cost	Bonnyville	
Airdrie Alterations to Provincial Court, Provincial Building Reliant Construction Ltd.	85-04-03	2,087.60	Indian Metis Rehabilitation Centre, Renovations to Kitchen & Cafeteria Area Alliance Construction Ltd.	85-05-23 97,335.56
Allison Creek Brood Trout Farm, Modifications for Recycle Operation, Contract #1 Lockerbie Management Limited	86-03-31	31,647.06	Bow Island Provincial Building, Garage Addition Wahl Builders Ltd.	85-09-13 45,529.41
Brood Trout Farm, Sand Filter Repairs A. Wakaluk Welding Ltd.	85-12-23	90,603.60	Brooks Alberta Horticultural Research Centre (Research Plot Development — Trails) Appollo Landscaping Services	85-11-12 23,222.60
Alsike Minimum Security Correctional Camp, Phase II Upgrading Shir-Bud Construction Ltd.	86-02-06	105,402.26	Alberta Horticultural Research Centre Site Development Master Fences Ltd.	85-06-12 27,564.80
Treatment Centre (Barn — Phase I), Option 1 P. Jacobs Construction Ltd.	85-04-24	48,979.00	Alberta Horticultural Research Centre Site Development Christien Mechanical Ltd.	85-05-16 29,240.74
Ardmore Alberta Opportunity Corps (Site Services for Classroom) Bonnyville General Contracting Ltd.	85-04-29	6,175.67	Alberta Horticultural Research Centre Site Development Brooks Asphalt & Aggregate Ltd.	85-05-16 75,316.80
Alberta Opportunity Corps, Vocational Training Centre Alliance Construction Ltd.	86-01-22	629,164.31	Palaeontology Field Station (Miscellaneous Site Services) Goodison Water Well Drilling	86-01-17 7,493.16
Barrhead Alberta Correspondence School, Print Shop Dust Hillside Gas & Plumbing Services	85-07-30	14,070.45	Palaeontology Field Station (Miscellaneous Site Services) Brooks Asphalt & Aggregate Limited	85-11-01 41,330.00
Alberta Correspondence School, Renovations to Computer Room Barr Construction (1974) Ltd.	85-06-21	32,223.79	Ren. to Existing Fac. & Stor. Shed (Upgrade Mech. Systems) Christien Mechanical Ltd	85-04-24 17,250.00
Blairmore Fish & Wildlife District Warehouse (Installation of Snow Fencing) Tamaki Fencing Service	86-01-17	2,634.35	Transportation Depot (Site Report) M & M Drilling Co. Ltd.	86-02-26 3,732.00
Forest Headquarters, Jet B Fuel System Upgrading Getkate Construction (1976) Ltd.	85-11-16	38,002.48	Calgary AADAC Renfrew Recovery Centre, Renovations & Improvement — Various Centrum Interiors Ltd	86-02-27 3,602.20
			ALCB Horizon Estates Specialty Store (Millwork) J.S. Laune & Associates Ltd	85-04-01 269,767.00

Relocation of Monitoring Station, Bonnybrook (Department of Environment)			ERCBC Building, Millwork Modifications		
Big Island Ltd.	86-01-17	9,418.00	Unitrade Construction & Mfg. Ltd.	86-02-28	10,150.00
Bow Crow Forest Headquarters, Jet B Fuel System Upgrading			Fish Hatchery, Installation of Ultra Violet Purification (Control & Piping)		
Don Davis & Sons Petro. Services Ltd.	86-02-07	26,889.49	Lockerbie Management Ltd.	85-06-14	207,284.63
Bow Crow Forest, Carpentry Shop, Dust Collector, Paint Storage			Interim Secure Custody Facilities (Y.O.A.)		
Teacon Developments Ltd.	85-11-25	33,900.00	(Midway Correctional Camp — Calgary)		
Bowlen Bldg., External Retrofit, Phase 2, Mechanical Conversion			J's Land 121932 Services Ltd.	85-08-23	195,218.93
Reggin Industries Limited	85-11-22	46,945.19	J.J. Bowlen Building Parking Development		
Bowlen Bldg., Family & Juvenile Court, Amendment to Prisoner Holding Area			Gil Hansen & Co. General Contractors Ltd.	85-08-26	21,769.76
Topaz Contracting Ltd.	85-12-11	25,110.53	McDougall School, Landscaping Phase II		
Bowlen Bldg., Family & Youth Courts, Phase II			Penn-Co Construction	85-12-20	757,987.88
Mirtren Contractors Ltd.	85-10-24	77,120.06	McDougall School, Office Building, Renovations, Landscaping Phase I		
Bowlen Bldg., Family & Youth Courts			Ellis-Don Management Services Ltd.	85-08-29	871,504.06
Mirtren Contractors Ltd.	85-08-19	132,831.89	Medical Examiner Facility, Mezzanine Cooling		
Bowlen Bldg., Renovations to 5th and 7th Floor Levels			Reggin Industries Ltd.	86-03-19	48,124.09
Integra Contracting Ltd.	85-08-14	134,187.22	Restricted Development Area PT SE 30-22-1-W5		
Bow River Correctional Centre (BRCC), Interim Secure Custody Facilities (Young Offenders Act)			York Shaw Building		
Graham Construction & Eng. Ltd.	85-07-24	663,106.11	Movers (1983) Ltd.	85-11-21	3,300.00
BRCC, Interim Secure Custody Facilities (Y.O.A.), Renovations to North Wing			Single Men's Hostel, Alterations, Renovations		
Graham Construction & Eng. Ltd.	85-04-30	194,470.98	R.W. Robinson Construction Ltd.	86-01-17	682,406.89
Core Research Centre, (Addition & Renovations to Existing Bldg.)			Calling Lake		
Teacon Developments Ltd.	85-12-17	34,606.18	Alberta Opportunity Corps, Relocate Classroom from Coronation		
Core Research Centre, Mechanical Deficiency Clean-up			Big Island Construction Ltd.	85-09-04	11,300.00
Arpi's Industries Ltd.	85-08-12	18,823.00	Alberta Opportunity Corps (Site Services for Portable Classroom)		
Court of Queen's Bench, Renovations to Existing Courthouse, 6th Floor			Lloyd's & Frank's Backhoe Service Ltd.	85-10-29	7,574.00
PCL-Maxam, A Joint Venture	85-09-19	47,829.50	Camrose		
Energy Resources Research Centre, Installation of New Heating Water Boilers			Rosehaven Care Centre, (Fire Code Upgrading — Ward Buildings)		
Arpi's Industries Ltd.	85-10-29	12,236.00	Chandos Construction Ltd.	85-09-26	345,138.85
			Rosehaven Care Centre, Alterations & Renovations Main Bldg., Alternate "A"		
			L.J.M. Contracting Ltd.	86-03-03	543,067.15

Rosehaven Care Centre, Main Building Re-roofing Otto Roofing (Red Deer) Ltd.	85-07-25	86,497.01	Leitch Collieries Interpretive Centre, Coke Oven Stabilization J & B Stone	85-07-12	57,700.00
Canmore			Mine Manager's Residence		
Canmore Nordic Centre Water and Sewer Network Whissell Engineering Ltd.	85-10-29	397,410.60	Stabilization 316737 Alberta Ltd.	85-12-11	24,060.00
Canmore Nordic Centre Construction Signs, Phase II L & M Signs Ltd.	86-03-31	8,338.85	Cypress Hills		
Canmore Nordic Centre Trail Contract #2 Bernie Schiesser	85-11-25	61,341.84	Cypress Hills Provincial Park Contract #17, Amphitheatre Renovations Alpha Better Landscaping Ltd.	85-05-23	82,719.84
Canmore Nordic Centre Team Waxing Rooms Gardon Construction Ltd.	86-02-17	274,858.26	Cypress Hills Provincial Park (Mechanical & Electrical Work) Stark Plumbing & Heating Ltd.	85-04-11	54,248.05
Cardston			Cypress Hills Provincial Park Seasonal Staff Housing Area Stark Plumbing & Heating Ltd.	85-10-22	246,742.79
Provincial Court, Secure Interview Area G.L. Schaffer & Sons Construction	85-11-26	10,673.00	Alpha Better Landscaping Ltd.	85-11-06	21,025.00
Caroline			Cypress Hills Provincial Park (Tree Replacement- Landscape Development)		
Raven Brood Trout Station (Fence Upgrading) J.T. Setters & Sons Construction Ltd.	86-03-26	21,784.30	Alpha Better Landscaping Ltd.	85-11-06	21,025.00
Claresholm			Cypress Hills Provincial Park (Water Supply — Manganese Problem)	86-03-31	5,369.00
Claresholm Care Centre, Replacement of Deteriorated Freezers and Fridges Teacon Developments Ltd.	86-02-21	284,116.00	Quinn Construction Ltd.		
David Lander Centre, Miscellaneous Renovations Mirtren Contractors Ltd.	85-04-26	164,973.20	Cypress Hills Provincial Park (Water Tank Winterization)	85-04-11	115,519.27
Cold Lake			D & H Construction Ltd.		
Fish Hatchery Contract No. 2 — Hatchery Facilities & Related Work Arthur A. Voice Construction Ltd.	85-11-07	1,361,099.03	Coal Research Centre (Sidewalk Repair)	85-08-19	7,182.00
Coronation			Automated Concrete Ltd		
Provincial Building Alterations Timcon Construction Ltd.	85-08-07	767,061.05	Coal Research Centre (Landscape Development)		
Crowsnest Pass			Economy Landscape Contractors Ltd.	85-09-30	11,330.00
Frank Slide Interpretive Centre, Entrance Road Handrail Wesbridge Construction Ltd.	85-06-03	7,100.00	Coal Research Centre (Modifications to Utilities)	85-11-08	7,292.25
Leitch Collieries Interpretive Centre, Roof Drainage, Staging Area Wesbridge Construction Ltd.	85-07-11	3,100.00	Superline Excavation Ltd.		
			Coal Research Centre, Interior Signage	85-07-18	4,905.00
			Corcom Systems Ltd		
			Coal Research Centre, Phase III, High Head		
			Laboratory		
			B & B Developments Ltd	85-04-15	2,661,356.42
			Landscape Irrigation (Coal Research Centre — Devon)		
			Green Thumb Irrigation Ltd.	85-09-12	13,255.05

Didsbury			Edmonton	
Treasury Branch, Renovations R.W.K. Construction Co. Ltd.	85-05-31	81,017.88	Alberta Research Council (A.R.C.) Contract #4, Phase I, New Administration & Laboratory Buildings Carlson Construction Company	
Donnelly			85-10-18	27,423,499.78
Transportation Depot Wolski Building Contractors Ltd.	86-03-12	776,153.07	A.R.C., Contract #13 (Millwoods), Phase I, Electronics Test Centre Camwil Contracting Ltd.	85-11-18
Transportation Depot Off-site Services Estabrook Construction Ltd.	85-06-04	70,992.46	A.R.C., New Facilities (Millwoods), Phase I, Biotechnology Pilot Plant Schendel Plumbing & Heating Ltd.	85-05-14
Drayton Valley				1,013,621.70
Miscellaneous Projects, Disposal of Emergency Measures Building Arrow Demolition International Inc.	85-08-31	2,310.00	A.R.C., Phase I, New Admin. & Lab. Bldgs. (Elect. Equipment & Wire Testing) AME Engineering	85-08-30
Drumheller				1,050.00
Contract #7, Display Hall Lighting Distribution Grid & Public Address Conduit Concept Electrical Management Ltd.	85-05-24	206,805.29	A.R.C., Phase I, New Lab. & Admin. Bldgs. #9, Controlled Storage Facilities Binder Construction Limited	85-06-20
Contract #6, Display Area Infrastructure OMSAC			620,772.64	
Developments Ltd.	85-04-04	573,011.13	Alberta Forest Service Depot (Sidewalk Construction)	
Courthouse, Courtroom Lighting Alterations Peevey Electric Ltd.	85-11-29	3,765.00	D & H Concrete Services Ltd.	85-11-27
Courthouse, Legal Reference Library Alterations			6,554.40	
Golden Oaks Carpentry	86-02-19	21,814.98	Alberta Forest Service Depot, Office Development Delnor Construction Ltd.	85-07-07
Transportation Depot New Salt Shed & Related Greene Construction (1981) Ltd.	85-11-08	109,051.10	147,108.03	
Tyrrell Museum of Palaeontology Contract No. 5 — Palaeoconservatory Suntropicals	85-10-29	285,765.90	Alberta Tree Nursery Drainage Improvements Ras-Dam Construction Ltd.	85-12-06
Tyrrell Museum of Palaeontology PCL-Maxam A Joint Venture	85-11-29	16,104,575.21	71,013.30	
Tyrrell Museum of Palaeontology, Contract #12, Display Lighting Controls Concept Electrical Management Ltd.	85-08-30	172,700.00	Alberta Tree Nursery & Horticulture Centre (Arboretum Fencing) Phoenix Fence Co. Ltd.	85-11-21
Tyrrell Museum of Palaeontology, Safety Rails to Palaeoconservatory Reggin Industries Ltd.	86-02-27	7,399.00	4,664.44	
			Alberta Tree Nursery, Administration Office Building Steve Ferenc Construction Ltd.	86-01-21
			344,450.22	
			Alberta Tree Nursery, Header House Addition Edmonton Refrigeration Ltd.	85-04-29
			30,700.00	
			A.R.C., Phase I, New Admin. & Lab. Bldgs., Casework & Related Items #10 Pentagon Building Corporation Ltd.	86-02-20
			1,596,365.09	

Blood Transfusion Service Building			Law Courts Addition, Phase V Contract D,
PCL — Maxam A Joint Venture	85-05-17	11,127,687.60	Washroom & Control Room Renovations
Chemical Storage & Support Services Building			Danwood Interiors Ltd. 85-04-15 14,611.20
Pentagon Building Corporation Ltd.	85-09-09	2,031,118.30	Law Courts Addition, Phase V, 6th Floor Washroom Door Relocations
City View Group Home, Washroom Alterations			Saval Developments Ltd 85-06-27 1,350.00
Buy-Rite Services	85-10-07	8,027.48	Law Courts Addition, Phase VI Cafeteria Table Tops
Correctional Centre, New Fence and Access Lane Paving			Coveco Manufacturing Ltd. 85-12-16 20,806.70
O'Hanlon Paving Ltd.	85-11-19	35,284.08	Law Courts Addition, Phase VI Cafeteria Completion
Correctional Centre, Security Upgrading, Intrusion Detection System			Ericstad Construction Ltd. 86-02-05 726,221.34
Jactar Electric Ltd.	85-11-15	38,412.00	Law Courts Addition, Renovations for Youth Court
Delton Group Home, Washroom Alterations			Klein Construction Ltd. 85-04-02 29,085.30
Buy-Rite Services	85-10-07	12,619.38	Legislature Annex (Old Agriculture Bldg.), Contract #2, Mech. System Upgrading
Eric Cormack Centre (Upgrade Mechanical System)			Southridge Construction Ltd. 85-10-08 750,338.72
Southridge Construction Ltd.	85-09-25	701,050.17	Legislature Grounds, Phase I, 107 Street Guardrail Addition
Eric Cormack Centre, Upgrade Mech. System (Replacement of Existing Windows)			Acumen Steel Products 85-11-07 5,552.00
Acro Building Products Ltd.	86-02-20	90,019.00	Legislature Grounds (Sewer Improvements)
Fish & Wildlife Division — Lambton Park Warehouse Site Improvements			Kran Construction Ltd. 85-04-02 166,074.99
Standard General Construction Ltd.	85-11-06	142,827.95	Legislature Grounds, South Parkade Traffic Topping
Government Complex, University Farm Area Utility Services & Building Relocations			Desco Coating of Alberta Ltd. 85-10-09 165,555.00
Land Tec Landscape Contractors Ltd.	85-07-04	27,215.10	McLeod Building, Renovations to Upper Roof
Government Complex, University Farm Area Site Development and Landscaping			Eden Construction Ltd. 86-01-15 119,365.00
Sherylbrook Landscape Contractors Ltd.	85-07-10	2,720.00	Miscellaneous Demolition Project, Various, Disposal of Residence
Hilltop House, Small Basement Storage Facility			McColman & Sons Demolition Ltd. 85-07-15 3,795.00
Delnor Construction Ltd.	86-03-19	11,513.00	Northern Alberta Jubilee Auditorium (NAJA), External Cladding
Interim Secure Custody (Young Offenders Act), Receiving & Detention Centre, Various			Retrofit, Phase 2
LJM Contracting Ltd	86-03-12	35,676.29	Supercrete, A Div. of Canfarge Ltd 86-02-11 2,441,257.00
			NAJA, Heating Ventilation & Air Conditioning, Sound Lighting Control
			Delnor Construction Ltd 85-08-27 4,401.00

NAJA, Improvements to Audio & Lighting System (Spot Light Framing Etc.)			Research Council, Clover Bar (Fence Relocation)		
Eden Construction Ltd.	85-04-17	34,264.20	Custom Fence	85-06-05	1,185.00
Office Bldg. & J.G. O'Donoghue Bldg. Install.			Restricted Development Area (Demolition & Removal)		
Central Monitoring & Control			Twin City Excavating Ltd.	85-11-15	13,200.00
O. Huget Enterprises Ltd.	85-06-06	81,798.41	Restricted Development Area PT. N.E.		
Office Bldg. U. of A. Farm Site, Additional Air Handling Unit, Computer Rm.			25-51-24-W5 (Millwoods)		
Jewell-Dunseath Plumbing & Heating	86-01-29	33,539.97	J. Plaizier Trucking & Excavating Ltd.	85-11-15	7,800.00
Office Bldg. U. of A. Farm Site, Additional Air Handling Unit, Basement Rm.			Rosecrest Home, Enclosure of Entrance Ramps & New Sprinkler System		
Jewell-Dunseath Plumbing & Heating	85-04-23	26,632.00	Delnor Construction Ltd.	85-06-21	97,181.32
Office Building, Multi- department, Tenant Layouts (8th Floors)			School for the Deaf, (Sewer Replacement)		
Danwood Interiors Ltd.	85-06-13	152,677.82	Eden Construction Ltd.	86-03-31	27,730.00
Office Building, Multi- department, 97 Street (9th Floor Renovations)			School for the Deaf, Elevator 1984		
Danwood Interiors Ltd.	85-07-15	26,633.00	Eden Construction Ltd.	85-12-20	311,037.84
Office Building U. of A. Farm Site, Multi- department Mobile System & Security			Sir Frederick W. Haultain Building (Mechanical Modifications)		
PCL Construction Ltd.	85-11-17	17,345.00	Lockerbie and Hole Co. Ltd.	85-05-08	100,667.12
Old St. Stephen's College, Renovations to Boardroom 3rd Floor Lighting			Strathcona Science Park (Parking Lot Paving)		
Graham Electric Ltd.	85-05-03	4,427.47	O'Hanlon Paving Ltd.	85-11-19	43,292.96
Old St. Stephen's College, Renovations to 3rd Floor, North & South Wings			Surplus Sales Centre (Security Fencing)		
H & S Business Enterprises Ltd.	86-01-17	123,147.21	McLellan Supply (Alberta) Ltd.	86-02-15	5,177.00
Provincial Museum of Alberta, Mechanical Upgrades			Transportation Building Site Landscaping		
Pentagon Building Corporation Ltd.	86-01-09	1,005,782.26	Stuart Olson Contractors Ltd.	85-11-08	531,469.67
Queen's Printer Building, Renovations			Westfield Centre, Diagnostic Unit #2, Renovations		
Command Electric Ltd.	85-09-10	36,586.98	— Miscellaneous Work		
Remand Centre, Renovations			Trinity Woodworks & Construction Ltd.	85-11-04	10,826.00
Inpro Interior Project Management	85-04-17	13,802.10	Youth Development Centre (Young Offenders Act)		
Rescue Training School			Renovations Package #1		
Chandos Construction Ltd.	85-07-16	175,630.04	McLellan Supply (1984) Ltd.	85-08-22	218,622.51
Rescue Training School, Renovations			Youth Development Centre, (Y.O.A.)		
A.V. Carlson Constructors Ltd.	86-02-07	1,665,674.36	Renovation Package #4		
			Krawford Construction Ltd.	85-06-05	153,063.17
			Youth Development Centre, (Y.O.A.)		
			Renovation Package #5		
			Jewell-Dunseath Plumbing & Heating Ltd.	86-01-21	486,733.75

Elk Island Park Vicinity						
Ukrainian Cultural Heritage Village (UCHV) (Historic Landscape — Site Preparation)						
Land Tec Landscape Contractors Ltd.	85-11-29	100,249.10	Contract #22, Prov. Correctional Centre, Mech. Contract, Performance Testing	Strathcona Mechanical Ltd.	85-12-20	25,000.00
UCHV (Septic Tank Replacement)			Contract #22, Prov. Correctional Centre, Mechanical Contract	Strathcona Mechanical Ltd.	85-05-20	6,442,027.06
Hunka Construction Ltd.	85-12-06	11,168.00	Contract #23, Prov. Correctional Centre, Elec.	Contract Performance Testing		
UCHV (Modifications to Intake Facilities)			Newland Contracting (North) Ltd.	85-12-20	8,617.00	
Superline Excavation Ltd.	86-03-28	4,687.85	Contract #42, Prov. Correctional Centre, Painting, Various Areas	Taylor Decorating Ltd.	85-05-06	162,522.00
Elkwater			Contract #44, Prov. Correctional Centre, Ceramic & Quarry Tile, All Areas	Lorenzon Concrete Ltd.	85-04-11	206,277.00
Transportation Depot New Salt Shed and Related			Contract #46, Prov. Correctional Centre, All Areas Carpet & Sheet Flooring	Monarch Floors (1953) Ltd.	85-05-09	316,454.70
Braemar Developments Ltd.	85-11-22	90,702.30	Contract #52, Prov. Correctional Centre, Scissor Lift	Argo Engineering Ltd.	85-05-10	9,667.00
Fort Macleod			Contract #53, Prov. Correctional Centre, Washroom Accessories	DM Hardware Alberta Limited	85-05-09	46,800.00
Courthouse, R.I.T.E. Station			Contract #56, Prov. Correctional Centre, Gymnasium Equipment & Bleachers	Hussey Seating Co. Canada Ltd.	85-04-17	17,227.00
Frans Feyter Construction Ltd.	85-07-19	1,884.00	Contract #58, Prov. Correctional Centre, Double Acting Doors	Thermo Design Insulation Ltd.	85-05-24	1,951.00
Head-Smashed-In Buffalo Jump, Visitor Information & Interpretive Centre			Contract #61, Prov. Correctional Centre, Chalk & Tackboards	Modern Architectural Specialties Ltd.	85-05-10	5,446.00
Drain Brothers Construction Ltd.	85-05-16	111,279.28				
Renovations to Maintenance Facilities						
J.W. Feltin Heating & Air Cond.	85-07-04	33,525.00				
Fort McMurray						
Forest Headquarters (Athabasca) Handicapped Access						
Green Forest Builders Ltd.	85-11-13	36,220.00				
Driver Examination Office, Lighting						
Commercial Electric Co. Ltd.	85-10-29	3,494.00				
Interpretive Centre, Interior Signage						
Corcom Systems Ltd.	85-09-06	6,255.00				
Fort Saskatchewan						
Now Correctional Centre Site Grading						
Arthur A. Voice Construction Co. Ltd.	85-11-20	912,207.22				
Gleichen						
Transportation Depot New Salt Shed and Related						
Braemar Developments Ltd.	85-11-22	105,760.55				
Grande Cache						
Contract #11, Prov. Correctional Centre, Cell Doors, Frames & Hardware						
H. Weizel and Associates Ltd.	85-04-16	497,516.40				

Contract #67, Prov. Correctional Centre, Reclamation (Hydroseeding) Noble Landscapes & Tree Farms Ltd.	86-01-23	31,364.00	Renovations and Improvements Landscape Development K. Shaw & Sons Contracting Ltd.	85-06-21	61,639.88
Contract #67, Prov. Correctional Centre, Landscaping Clareview Landscaping Ltd.	85-07-18	276,125.00	Youth Assessment Centre, Shop Addition, Re-tender of Deficiency Clean-up K. Shaw & Sons Contracting Ltd.	85-07-18	10,786.35
Contract #71, Prov. Correctional Centre, Gravel Roadways & Parking Areas Pat Garrett General Trucking Ltd.	85-07-24	224,031.43	Grouard Alberta Vocational Centre, Renovations & Code Requirements Upgrade Aman Building Corporation	86-02-11	349,303.33
Contract #74, Prov. Correctional Centre, Cell Fittings Actiplast Industries Ltd.	85-04-24	415,490.00	High Prairie ALCB Store Binder Construction Limited	85-07-12	677,979.11
Contract #76, Prov. Correctional Centre, Security Sliding Doors Steel-Craft Door Products Ltd.	85-04-12	223,647.00	Provincial Building, Demolition Visco Rentals & Contractors Ltd.	86-01-06	38,350.00
Contract #80, Prov. Correctional Centre, Special Floor Coatings J. Mason and Sons Ltd.	85-05-02	137,410.00	Hinton Courthouse, Renovations to Courtroom Lighting & Doors		
Contract #84, Prov. Correctional Centre, Portable Folding Stage A.C. Johnson Agencies Ltd.	85-04-29	3,410.90	Tredwin Construction Ltd.	85-06-03	16,236.00
Prov. Correctional Centre, Miscellaneous Concrete Work, Administration Area Stuart Olson Contractors Ltd.	85-10-18	75,664.49	Forest Technology School, Dining Room Renovations H. & S. Business Enterprises Ltd.	85-05-10	62,591.96
Provincial Correctional Centre, Contract #85 Sherwood Park Paving Ltd.	85-07-31	571,820.53	Forest Technology School, Upgrading of Lecture Theatre		
Provincial Correctional Centre (Contract #85 — On-site & Off-site Paving) Forestland Ready Mix	85-10-22	20,650.25	Norwest Steel Buildings Ltd.	86-03-13	27,101.87
Grande Prairie Driver Examination Office, Lighting Cookshaw Electric (1975) Ltd.	85-11-08	3,285.00	Forest Technology School, Upgrading of Lecture Theatre, Lecture Rm. Seating		
Forest Headquarters, Pilot Storage Building & Water Service Lavergne Construction Ltd.	85-10-09	54,833.00	Allwest Institutional Furnishings	86-03-13	16,921.00
			Renovations to Existing Facilities, Various — Courthouse, Glazed Partition		
			Tredwin Construction Ltd.	86-03-03	3,099.40
			Jasper Provincial Building, Courtroom Lighting Renovations		
			Jasper Woodworking	85-04-15	7,910.90
			Judy Creek Minimum Security Correctional Camp Upgrading of Site Services Fagnan Backhoe Ltd.	85-10-01	22,752.50

Kananaskis						
Mount Kidd Recreation						
Vehicle Park (Garage Dry						
Storage Building)						
Fenka Construction Ltd.	85-06-03	68,795.17				
Keho						
Keho Lake Project						
Relocation of Farmstead						
Sonmor Excavating Ltd.	85-10-30	178,101.85				
Lac La Biche						
Alberta Opportunity						
Corps (Site Services for						
Classroom)						
Gerald's Backhoe						
Service Ltd.	85-05-03	8,685.00				
Alberta Vocational Centre						
(AVC), Contract #6, Child						
Care Training Centre						
(Plumbing Repairs)						
Schendel Plumbing						
& Heating Ltd.	85-07-23	31,156.32				
AVC, Contract #6, Child						
Care Training Centre						
(Painting Walls						
& Insulation)						
Fred Stabel Painting Ltd.	85-07-30	8,878.00				
AVC, Contract #6, Child						
Care Training Centre,						
Freeze-up Repairs						
Fact Consulting Ltd.	85-07-23	25,303.00				
Beaver Lake Correctional						
Centre (Upgrade Sewage						
Disposal)						
Little Mountain						
Enterprises Ltd.	85-11-13	78,611.84				
Contract #7, AVC, Hard						
Landscape						
Antioch Construction						
Corp.	85-10-15	1,654,027.91				
Regional Parks Workshop						
(Installation of Sanitary						
Sewer Main)						
Little Mountain						
Enterprises Ltd.	85-10-03	19,804.89				
Treasury Branch,						
Renovations for Total						
Service						
Watson Tofield (1973) Ltd.	85-12-05	35,254.56				
Leduc						
Artificial Insemination						
Swine Centre (Sanitary						
Sewer Connection)						
Kran Construction Ltd.	85-11-29	38,812.30				
Lethbridge						
Agriculture Research						
Centre (Paving of Access						
Road)						
Tollestrup Construction						
Co. Ltd	85-10-22	28,705.80				
Correctional Centre,						
Security Fire Hose						
Cabinets Door Pulls						
Gillett Construction Ltd.	85-10-18	1,525.00				
Courthouse						
(Courtroom Lighting)						
Parsons Electric						
(1975) Ltd.	85-07-29	16,882.00				
Courthouse, Piezometer						
Test Pipe Capping and						
Venting						
City Plumbing (Leth) Ltd.	85-06-04	1,003.00				
Lloydminster						
Travel Information Centre						
Watson Tofield (1973) Ltd.	85-04-25	689,203.04				
Travel Information Centre						
(Access Road)						
ASL Paving Ltd.	85-05-16	27,301.56				
Medicine Hat						
Courthouse						
(Relocate & Service)						
Big Island						
Construction Ltd.	85-06-03	31,882.00				
Millet						
ALCB Store						
Draginda						
Construction Ltd.	86-02-11	235,483.84				
Morinville						
Provincial Building						
Forest Contract						
Management Ltd.	85-05-03	2,918,496.21				
Provincial Building						
(Landscape Development)						
Economy Landscape						
Contractors Ltd.	85-10-04	50,317.93				
Renovations to						
Maintenance Facilities,						
Various, Storage Shed						
Crossroads Contracting						
Company	85-12-17	42,927.00				
Mount Allan						
Nakiska Ski Area at Mount						
Allan (Base Area						
Subsurface Drainage)						
Whissell Engineering Ltd	85-06-28	12,881.30				
Nakiska Ski Area at Mount						
Allan (Domestic Water						
Pump)						
Quasar Mechanical Ltd.	85-06-07	24,098.51				
Nakiska Ski Area at Mount						
Allan (Substation Access						
Road and Pad)						
Tricat Enterprises Ltd.	85-07-29	25,528.80				
Nakiska Ski Area at Mount						
Allan Ski Trail Clearing						
Tricat Enterprises Ltd	85-09-05	607,232.30				
Nakiska Ski Area at Mount						
Allan Off-site Sewer and						
Main Water Line						
Whissell Engineering Ltd	85-06-14	466,078.55				

Nakiska Ski Area at Mount Allan Base Area		Okotoks	
— Utilities		ALCB Store	
Sonmor Excavating Ltd.	85-05-13	401,588.34	Stuart Olson Industrial Contractors Ltd.
Nakiska Ski Area at Mount Allan Base Area		85-12-06	499,375.92
Standard General Construction Ltd.	85-08-16	300,083.66	Oyen
Nakiska Ski Area at Mount Allan Downhill Ski Trail		86-01-23	361,675.39
— Modifications #1			Special Areas Board, Office Building
Kev-Rich Construction Ltd.	85-09-30	90,678.00	Wayne Kenny Construction Ltd.
Nakiska Ski Area at Mount Allan Downhill Ski Trail			
— Modifications #2			Peace River
Kev-Rich Construction Ltd.	85-11-22	41,562.95	Correctional Centre, Vocational Workshop, Upgrading Security Doors
Nakiska Ski Area at Mount Allan (Ski Lift Signs)		85-11-13	Odessa Distributors Ltd. 5,267.22
Hi Signs Manufacturing Ltd.	85-10-29	3,082.43	Forestry Headquarters (Yard Paving)
Nakiska Ski Area at Mount Allan Asphalt Paving		85-10-08	Wapiti Gravel Suppliers 66,036.00
Metro Paving Ltd.	85-11-04	8,540.00	Pincher Creek
Nakiska Ski Area at Mount Allan (Scoreboard Foundations)		86-02-07	Three Rivers Dam Project (Disposal of Glass Property Building) 4,975.00
J.A. Paul Construction	85-10-31	52,665.32	AFDAHL's Excavating & Trenching
Nakiska Ski Area at Mount Allan Ski Lifts		86-03-25	Three Rivers Dam Project (Disposal of Lower Glacier Park Company Property Bldg.) 1,843.00
Doppelmayr Lifts Ltd.	85-12-18	4,273,217.16	V.L.C. Holdings
Nakiska Ski Area at Mount Allan Snowmaking System			Ponoka
A.V. Carlson Constructors Ltd.	86-03-24	2,094,710.51	Provincial Building Upgrade Existing Parking Lot
Nakiska Ski Area at Mount Allan (Water Well)		85-11-28	Horseshoe Paving Ltd. 57,282.65
Stanley Associates Engineering Ltd.	86-03-31	37,480.00	Renovations to Existing Court Bldgs., Upgrade Existing to Present Standards
Mountainview		85-06-17	Sommer Bros. Contractors Ltd. 25,516.25
Mountainview Regional Water System (Anthony Henday Water Plant)			Provost
Border Paving Ltd.	85-11-01	68,725.00	Fish & Wildlife District Warehousing (Upgrading)
Nakiska		85-08-09	Ko-Gan Construction Ltd. 59,799.34
Base Lodge Building (Foundations)			Red Deer
Penn-Co Construction	85-04-15	196,138.93	ALCB Store (Alternate A)
Maintenance Building		85-12-16	Omx Construction Corporation Ltd. 697,702.71
Greene Construction (1981) Ltd.	85-06-18	346,083.03	Access Ramp for Handicapped at Bower Place — Portable Early Childhood Services Classroom
Nordegg		85-12-30	Master Woodcraft 3,429.00
Provincial Correctional Camp Trailers			Michener Centre, Upgrade Resident Facilities, Elect. 25KV Service Extension
Roz Con Construction Ltd.	85-05-08	108,672.55	Newland Contracting (South) Ltd. 182,920.87
Provincial Correctional Camp Trailers		86-01-14	
ATCO Structures	85-04-11	53,447.52	

Michener Centre, Upgrade Resident Facilities, Elevator Laundry Addition	85-09-24	403,696.14	Poundmaker Nechi Centre, Electrical Modifications
Timcon Construction Ltd.			High Line Minuteman
Michener Centre, Upgrade Resident Facilities, Ventilation System Upgrading	85-12-20	595,466.17	Elec. Constructors
Tarad Industries Ltd.			86-03-03 32,350.00
Miscellaneous Demolition Projects, Disposal of Snell Residence	85-12-23	4,665.00	Provincial Building
Bettenson's Sand & Gravel Co. Limited			Omsac Developments Ltd. 85-08-30 4,962,774.93
Rocky Mountain House			St. Paul
Provincial Building (Supplementary Parking Space)			Correctional Centre, New Gymnasium Flooring
Border Paving Ltd.	85-05-31	31,949.75	Craftsman Floors (Alta.) Ltd. 85-09-24 21,100.00
Provincial Building, (Landscaping)			Provincial Building (Parking Development)
Geneva Gardens Inc.	85-10-31	36,352.80	Car-Quells 85-10-22 49,224.60
Provincial Building (Supplementary Parking Space - Old Dairy Site)			Public Lands Division Warehouse (Fish & Wildlife Compound Area)
Border Paving Ltd.	85-11-28	47,219.00	Bert Pratch Construction Ltd. 85-04-09 32,988.00
Provincial Building, Cleaning Ductwork & Install Access Doors			Stettler
Ram-Aire Industries Ltd.	85-07-20	23,500.00	Fish & Wildlife District Warehousing (Upgrading)
Rycroft			Saracen Construction (1974) Ltd. 85-06-26 25,553.00
Treasury Branch, Exterior Deficiency Clean-up			Vancouver
Lavergne			Alberta Pavilion, Expo '86, Construction Component
Construction Ltd.	85-08-07	27,704.00	V.K. Mason Construction Ltd. 85-11-28 2,644,181.51
Treasury Branch, Interior Deficiency Clean-up			Various Locations
K. Shaw & Sons Contracting Ltd.	85-04-15	1,480.00	Fish & Wildlife District Warehousing (Stony Plain — Fallis Cabin)
Scott Lake			Ray Sylvester Enterprises 85-12-27 3,450.00
Transportation Depot New Salt Shed and Related			Fish & Wildlife District Warehousing (Stony Plain — Fallis Cabin)
Gil Hansen & Co. General Contractors Ltd.	85-11-22	128,748.67	Continental Backhoe Services Ltd. 86-02-13 3,730.00
Sherwood Park			Government Buildings (Forestry Yard — Peace River)
Transportation Depot Pentagon Building			Adomi Construction Inc. 85-06-28 98,185.76
Corporation Ltd.	85-12-16	1,283,716.58	Landscape Irrigation (Provincial Building — Wainwright)
Smoky Lake			Allegro Irrigation Systems Ltd. 85-09-15 17,250.00
Pine Ridge Forest Nursery (Pre-settlement Reservoir)			Landscape Irrigation (Provincial Building — Rimbey)
Fort Services & Ditching Ltd.	85-10-08	186,706.50	Red Deer Turf Irrigation Ltd. 85-09-20 10,584.83
St. Albert			Landscape Irrigation (Courthouse — St. Albert)
Courthouse, Repair Work to Brick Veneer			The Rain Man Plumbing Ltd. 85-09-10 13,669.80
Friese Management & Development Ltd	85-10-17	9,497.08	Landscape Irrigation (New Courthouse — Drumheller)
			Eljay Irrigation Ltd. 85-09-26 15,679.00

Landscape Irrigation (Forest Headquarters — Grande Prairie)			Portable Classroom Facilities (Site Services — Youngstown School)		
AP Irrigation Systems Ltd.	85-10-11	25,055.50	Lyle Grover & Sons Construction Ltd.	85-10-09	6,500.00
Landscape Irrigation (Law Centre Area — Edmonton)			Renovations & Improvements (Eric Cormack Centre — Edmonton)		
Green Thumb Irrigation Ltd.	85-11-15	30,838.33	Crown Paving and Engineering	85-09-25	10,548.32
Landscape Irrigation (Provincial Building — Peace River)			Renovations & Improvements (Government Hangar — Edmonton)		
Allegro Irrigation Systems Ltd.	85-11-08	44,712.90	Crown Paving and Engineering	85-10-25	16,042.77
Miscellaneous Demolition Projects (Lakeside Comm. Corr. Centre — Lethbridge)			Renovations & Improvements (Wood's Christian Home — Calgary)		
Coaldale Nurseries Ltd.	85-06-13	11,040.00	Big Island Construction Ltd.	85-06-10	6,825.00
Miscellaneous Demolition Projects (Youngstown Home — Youngstown)			Renovations to Maintenance Facilities, Electric Door Openers		
Getaway Landscaping Ltd.	85-07-10	3,386.00	Sims Garage Door Co. (1977) Ltd.	85-12-19	29,178.00
Off-site Service Charges (Alberta Hospital — Edmonton)			Renovations to Maintenance Facilities, (Mod. to Salt Pipes)		
Westridge Marketing Services	85-10-28	5,207.14	(Transportation Yards — Clyde)		
Off-site Service Charges (Alberta Hospital — Edmonton)			Big Island Construction Ltd.	85-04-15	16,289.00
Sumcon Waterproofing Ltd.	85-07-25	2,250.00	Site Development (Transportation Yards)		
Portable Classroom Facilities			South Rock Ltd.	85-06-27	62,052.59
ATCO Structures	85-10-10	263,493.00	Site Development (Transportation Yards — Alix & Lacombe)		
Portable Classroom Facilities (Site Services — Millwoods Christian)			Town & Country Paving Ltd.	85-11-07	86,444.30
Ray Sylvester Enterprises	85-09-16	9,246.00	Site Development (Transportation Yards — Kananaskis)		
Portable Classroom Facilities (Site Services — Bower Place School)			Metro Paving Ltd.	85-05-08	4,242.04
Roz Con Construction Ltd.	85-09-10	5,915.00	Site Development (Transportation Yard — Vermilion)		
Portable Classroom Facilities (Relocate Classroom from Calgary)			Soldan Fence & Metals Ltd.	86-03-20	16,654.95
Big Island Construction Ltd.	85-09-16	20,200.00	Site Development (Transportation Yards — Caroline, Castor)		
Portable Classroom Facilities (Site Services — Fort Saskatchewan)			Border Paving Ltd.	85-06-04	75,844.46
Ray Sylvester Enterprises	85-10-07	21,182.00	Site Development (Transportation Yard — Camrose)		
Portable Classroom Facilities (Renovate, Relocate and Service)			Jubilee Construction Ltd.	85-10-18	11,187.70
Big Island Construction Ltd.	85-10-01	21,245.97			

Vegreville				
Alberta Environmental Centre, Computer Cabling				
R & T Electric Services Ltd.	85-04-11	11,673.00		
Alberta Environmental Centre, Laboratory Facilities, 1984				
Southridge Construction Ltd.	85-11-29	484,767.00		
Alberta Environmental Centre, Waste Incinerator Building				
Dineen Construction Limited	86-03-27	690,405.14		
Vermilion				
Provincial Building, Sidewalk and Curb Repair				
F & S Construction	85-11-07	161,045.20		
Westlock				
Treasury Branch, Renovations for Total Service				
Delnor Construction Ltd.	85-12-02	38,297.50		
Wetaskiwin				
Court of Queen's Bench, Furniture and Spectator Benches				
Edmonton Millwork Ltd.	85-12-17	44,102.00		
Courthouse (Additional Parking — Phase I)				
Border Paving Ltd.	85-11-07	37,256.03		
Courthouse Renovations				
H & S Business Enterprises Ltd.	86-02-14	235,347.64		
Provincial Building (Landscape Drainage Improvements)				
Burmat Plumbing & Heating Ltd.	85-11-06	6,340.00		
Reynolds Museum, Phase I, Storage Structure				
Ren-Dex Construction Ltd.	85-05-22	629,858.65		
Reynolds Museum, Storage Structure Phase 2				
R.W.K. Construction Co. Ltd.	85-12-13	957,086.24		
Transportation Depot				
Trend Construction Ltd.	85-04-19	646,730.51		
Transportation Depot, Salt Shed				
Condor Constructors Ltd.	85-06-26	58,940.00		
Wetaskiwin Centre, Addition and Alterations				
Tarad Industries Ltd.	85-07-29	170,030.90		
Whitecourt				
Forest Headquarters, Jet B Fuel System, Dust Collector & Mech.				
Modification				
Peace River Heating (1971) Ltd.	86-03-27	77,170.95		
Youngstown				
Miscellaneous Demolition Projects, Disposal of Pleasantview Home, Completion				
Gil Hansen & Co.	85-07-11	3,375.00		
Miscellaneous Demolition Projects, Disposal of Pleasantview Home				
Bell B.J. Excavating	85-05-24	8,886.87		
Vehicle Service Shop (Conference Room)				
Greene Construction (1981) Ltd.	86-01-23	113,506.37		
Youngstown Home (Post-occupancy Modifications)				
Gil Hansen & Co. General Contractors Ltd.	85-11-20	111,586.94		
In total, 331 projects (including Site Development) were accepted in the 1985-86 fiscal year with a total dollar value of \$133,883,963.66.				

